# Construction Quality Assurance Certification Report for Sudbury Road Landfill Remedial Action Walla Walla, Washington

April 14, 2017

Prepared for:



Prepared by:







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April 14, 2017

Prepared for



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Prepared by



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# LIST OF ABBREVIATIONS AND ACRONYMS

City	City of Walla Walla, Washington
CAP	Cleanup Action Plan
Decree	Consent Decree 15-2-00536-8
Ecology	Washington State Department of Ecology
EDR	Engineering Design Report
EW	Extraction well
ET	Evapotranspiration
GCCS	Gas Collection and Control System
GW	Gas monitoring well
HDPE	High-density polyethylene
H:V	Horizontal to vertical
LFG	Landfill gas
MSW	Municipal solid waste
MTCA	Washington State Model Toxics Control Act
O&M	Operations and Maintenance
PCE	Tetrachloroethene
RCW	Revised Code of Washington
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
Site	Sudbury Road Landfill
VOC	Volatile organic compound
WAC	Washington Administrative Code

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#### **1.0 INTRODUCTION**

This Construction Quality Assurance (CQA) Certification Report documents that the construction of the selected cleanup action for the City of Walla Walla, Washington (City) Sudbury Road Landfill (Site) (Facility Site #4446540, Cleanup Site #2485), as specified in the final Cleanup Action Plan (CAP) prepared by the Washington State Department of Ecology (Ecology), was constructed in substantial compliance with the Construction Plans and Specifications (JUB 2016), and other related documents. The construction of the cleanup action was conducted pursuant to the requirements of the Model Toxics Control Act (MTCA) regulations (Chapter 173-340 WAC) and Consent Decree 15-2-00536-8 (Decree) filed with the Walla Walla Superior Court on August 19, 2015.

#### **1.1 PURPOSE**

The purpose of this CQA Certification Report is to document that the construction of the cleanup action was completed in substantial compliance with the construction plans and specifications and construction quality assurance (CQA) manual. This CQA Certification Report also provides as-built drawings of the constructed cleanup action components. This report was prepared in accordance with WAC 173-340-400(6)(b).

#### **1.2 BACKGROUND**

The Sudbury Road Landfill is generally located at 414 Landfill Road, Walla Walla, Washington, about 4 miles west of the City of Walla Walla. The landfill area is approximately 125 acres and is located in the western portion of an 828.86-acre City-owned property zoned for various waste management purposes. The designated Site area described in the Decree is composed of seven active and former disposal areas (Areas 1 through 7) covering an area of 94.44 acres.

The City is the owner and operator of the Sudbury Road Landfill that receives municipal solid waste (MSW), inert waste, and compost from incorporated and unincorporated areas of Walla Walla County. The City has owned the property since 1970 and operated the landfill on the property since July 1978. The City disposed of MSW and other materials in unlined areas (Areas 1, 2, 5, and 6) of the landfill from 1978 to 2006. Since 2006, refuse has been placed in Area 7, which has a bottom composite liner and leachate collection system.

Since 1977, the City has tested groundwater from wells in and around the landfill property. In 2001, the City installed a new monitoring well (MW-15) near the western boundary of the property adjacent to the closed Area 5. Subsequent tests on water from MW-15 showed the groundwater contained contaminants known as volatile organic compounds (VOCs). In 2005 and 2006, the City independently conducted part of a remedial investigation (RI) based on a 2004 RI Work Plan. Findings

of the independent RI indicated that the landfill is at least in part contributing to the impacts to groundwater. In 2010, Ecology identified the City as a potentially liable person for groundwater contamination at the Site and that the City is responsible for the implementation of a cleanup action (Ecology 2010).

The City completed interim actions at the site, in January 2011 to minimize potential impacts to groundwater and/or to prevent them from becoming worse. The interim actions included the construction of a soil cap and the installation of landfill gas and stormwater control systems over one unlined landfill cell (Area 6), and diverted stormwater away from another unlined landfill cell (Area 5) to help prevent leachate from impacting groundwater.

In May 2011, Ecology and the City entered into an Agreed Order that required the City to conduct a remedial investigation and feasibility study (RI/FS) to investigate the nature and extent of contaminants of concern in groundwater associated with the Sudbury Road Landfill. The City submitted for review and approval by Ecology a new RI Work Plan, Sampling and Analysis Plan (SAP), Health and Safety Plan (HASP), and Quality Assurance Project Plan (QAPP) for additional field work to be performed. The RI was conducted in 2012 and 2013, and a Final Draft RI Report was submitted to Ecology in September 2013. Based on the RI findings, groundwater is the environmental medium that requires cleanup. Exceedances of the Site-specific groundwater cleanup levels for tetrachloroethylene (PCE) and vinyl chloride have been detected only at well MW-15. Vinyl chloride has not been detected at any other well included in the RI. Off-property migration of contaminants in groundwater has occurred; however, there were not exceedances of the cleanup levels in samples from the off-Site monitoring and domestic wells.

In October 2013, the City submitted a report to Ecology proposing the cleanup action alternatives that would be assessed in the feasibility study (FS). Ecology approved the alternatives to be evaluated in the FS, and the City subsequently conducted the FS. An FS Report was prepared that describes the assessment of each alternative and the preferred alternative for the Site cleanup action. The combined RI/FS Report was published on September 15, 2014 (Schwyn 2014). Based on the information presented in the RI/FS Report, Ecology prepared a draft Cleanup Action Plan (CAP) for public review and comment, and finalized the CAP in May 2015 (Ecology 2015a). The objective of the CAP remedy is to comply with WAC 173-340-360, be protective of human health and the environment, and be consistent with the preference for permanent solutions to the maximum extent practicable consistent with Revised Code of Washington (RCW) 70.105D.030(1)(b). The CAP remedy selected by Ecology for the Site consists of improved capping of several solid waste cells, capture and destruction of landfill gas (LFG), and controls on stormwater. It also requires long-term monitoring and institutional controls.

In August 2015, the City entered into a Decree with Ecology to design and implement the CAP. The CAP remedy for the Site consists of improved capping of the Area 2, and 5 solid waste cells, capture and destruction of LFG from Areas 1, 2, and 5, and controls on stormwater to prevent leachate generation. It also includes provisions for long-term monitoring and institutional controls.

In January 2016, an Engineering Design Report (Schwyn 2016) and Plans and Specifications (JUB 2016) to construct the remedy were completed. The documents described the construction of the remedy, remedy operations and maintenance, long-term monitoring, and the associated reporting called out in the Decree. In addition to the design criteria to fulfill the CAP, the Engineering Design Report (EDR) included a compliance monitoring plan, SAP, HASP, QAPP, financial assurance plan, draft environmental covenant for the Site, and a project schedule. The engineering design plans and specifications include a CQA Manual, and bid and contract documents. Preparation of an Operations and Maintenance (O&M) Plan was postponed until the remedy was constructed.

Construction bidding and contractor selection occurred in February 2016. Culbert Construction, Inc. (Culbert) was the selected contractor and the Notice to Proceed was provided by the City to Culbert on March 9, 2016. Construction materials testing was provided by Intermountain Materials Testing. Construction surveying was provided by Anderson Perry & Associates, Inc. The City provided full-time daily construction observation, implemented the CQA Manual, and also performed contract administration. Daily Summary Reports were prepared by the City in order to provide detailed records of the work performed including construction techniques, materials used, items installed, and tests and measurements performed. These Daily Summary Reports are included in Appendix A. J-U-B Engineers, Inc. was the Engineer of Record that reviewed all submittals, reviewed daily reports, administered weekly meetings, and provided direction for any field changes. Minutes from the weekly meetings are included in Appendix B. Construction of the remedy occurred from March through October 2016 and the Notice of Final Completion was presented to Ecology and Culbert on November 9, 2016. Record Drawings are included in Appendix C. Long-term monitoring and O&M will continue for the duration of the cleanup action.

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# 2.0 CLEANUP ACTION DESCRIPTION

# 2.1 OVERVIEW OF THE CLEANUP ACTION

The cleanup action described in this section was selected and determined by Ecology to comply with the MTCA requirements in WAC 173-340-360. The construction components of the selected cleanup action for the Site consist of:

- Landfill cap improvement using an evapotranspiration (ET) cover over Areas 2 and 5, including grading design to route stormwater runoff away from the refuse areas.
- Stormwater controls:
  - A cast-in-place concrete channel constructed through the north drainage ditch along the north side of Area 5.
  - Erosion control berms constructed on Area 5 to control surface runoff.
  - Diversion of storm water run-on from the southwest side of Area 5 using an elevated soil berm and roadway constructed north of the compost facility to prohibit stormwater generated south of Area 5 from flowing north onto Area 5.
- Active LFG extraction from Areas 1, 2, and 5 using two new extraction wells in Area 1, one new extraction well in Area 2, and seven new extraction wells in Area 5. The extraction wells are connected via lateral piping to a header pipe that conveys the LFG to the existing header network and flare station for destruction.
- Decommissioning of one LFG vent from Area 5.

Other non-constructed aspects of the cleanup action include long-term monitoring and maintenance, institutional controls, and reporting. The general details for the non-constructed aspects of the cleanup action are provided in the EDR (Schwyn 2016) and are not further addressed in this CQA Report.

# 2.2 MAJOR CONSTRUCTION COMPONENTS

In general, the construction components of the project consisted of:

- Surveying of pre-project conditions for measurement and payment purposes;
- Concrete crushing for haul road development;
- Excavation to subgrade elevation prior to placement of ET Cover for Areas 2 and 5;
- Earthwork and site grading for development of ET Cover for Areas 2 and 5;
- Decommissioning existing gas vent;
- Drilling and installation of gas extraction wells;
- Gas/condensate collection piping and connection to existing system;
- Construction of winterization improvements at existing flare facility;
- Construction of erosion control berms and north storm drain ditch;
- Re-construction of compost access road and run-on improvements; and
- Placement of final cover for Areas 2 and 5 including compost, mulch, and hydroseed.

SCHWYN ENVIRONMENTAL SERVICES

#### 2.3 LANDFILL CAP

An ET cover was constructed over Area 2 and Area 5 using a minimum 4.8-foot-thick layer of native soils loosely compacted at 85 percent of maximum compaction. Excavated soil cover material from Areas 2 and 5 were used as borrow and fill as much as possible; however, a significant amount of soil cover material was imported from an on-site borrow area located east of Area 7. The crushed concrete aggregate was utilized to improve the haul roads to the borrow site.

The surface grades were constructed with relatively flat faces that blend into existing contours. The steepest slopes on Area 2 and 5 were approximately 3H:1V. A small retaining wall composed of ecology blocks was constructed along the south edge of Area 2 to retain the cover soil without covering the south landfill perimeter road.

Construction of the ET cover consisted of 6 steps: 1) excavation to subgrade, 2) rough grading, 3) installing gas extraction and collection system, 4) final grading, 5) placement of compost layer, and 6) hydroseeding. The rough grade of the ET cover was constructed by cutting the existing site down to a predetermined subgrade. During construction, MSW was encountered in various locations at a shallower depth than expected. Therefore, modifications were made to the sub-grade grading plan to ensure that no MSW was excavated for the most part; however, a minor amount of MSW was excavated during the pipeline excavation in Area 2 and disposed of in the active Area 7 cell. The established sub-grade was surveyed by a Professional Land Surveyor to provide a record for the subgrade elevation surface and the finish grade was adjusted to be a minimum of 4.8 feet above the established sub-grade surface. Soil was then placed to an elevation of approximately four feet above sub-grade. Because the contractors chosen construction method tended to over-compact the soils, the contractor utilized a deep ripping system to scarify the cover in order to meet compaction requirements. Compaction testing was conducted to confirm compliance with the 85% compaction requirements. Upon completion of the rough grading, the gas extraction wells and gas collection system were constructed. After the gas system was constructed, the soil cover was scarified and the final foot of cover material was imported from the borrow site and graded to plan. Biosolids from the City's Wastewater Treatment Plant were incorporated into the final top foot of cover. Compost from the City's Compost Facility was placed on top of the final cover. The compost was applied at an approximate one inch thickness and worked into the surface by track walking low ground pressure equipment up and down the slopes. The sub-grade and finish grade of the ET cover was surveyed by a Professional Land Surveyor. The digital terrain models between the sub-grade and finish grade surfaces were compared to confirm the minimum 4.8-foot thick soil cover. Several test pits were also excavated across Areas 2 and 5 to provide a visual verification that the ET Cover was constructed at the minimum 4.8-foot thick later over MSW. Finally, hydroseeding mulch and tackifier were applied to the final cover.

#### 2.4 STORMWATER CONTROLS

Stormwater controls were constructed on the north, west, and south sides of Area 5. The stormwater controls included improvement to the north drainage ditch channel, Area 5 stormwater runoff features, repair of erosion features on the Area 5 cover, and surface elevation regrading to prevent stormwater run-on to Area 5 from the south.

#### 2.4.1 NORTH DRAINAGE DITCH

A cast-in-place concrete channel was constructed in the location of the preexisting stormwater channel ("North Drainage Ditch") along the north side of Area 5. The concrete channel was constructed with a slope of 0.7% toward the west. The east end of the channel is sloped for equipment access and the cross-sectional shape of the ditch is rectangular (5 feet wide by 1 foot deep) to allow a typical skid steer to be driven within the ditch.

The cast-in-place concrete channel incorporates reinforced concrete and a gravel base to provide the structural support needed for the equipment operation within the concrete structure. Materials testing confirmed that the concrete strength meets the project specifications. A geomembrane liner provides secondary protection underneath the concrete channel and terminates approximately 30 feet west of the western boundary of Area 5, and approximately 20 feet east of the western culvert. The termination of the geomembrane allows a place (downgradient and away from MSW) for drainage of any water that might collect on the geomembrane liner underneath the concrete channel. Moisture accumulation on the geomembrane is expected to be minor; however, a drain mechanism is required to prevent freeze damage to the overlying concrete channel. A strip of geomembrane is bolted to the top of the concrete channel and covered with an erosion control mat on the south side of the ditch to prevent undermining and rutting as the sheet flow from Area 5 enters the channel. The concrete channel transitions into the existing culvert near the western edge of the landfill property.

#### 2.4.2 AREA 5 EROSION CONTROL BERM

An erosion control berm was constructed to impede stormwater run-on and direct any Area 5 stormwater run-off into the north drainage ditch. The erosion control berm consists of a 1.5 foot tall berm with a 4 foot wide top surface. The erosion control berm extends along the entire southern boundary and west side of Area 5, and is sloped to convey stormwater runoff from Area 5 to the north drainage ditch. A portion of the berm includes a V-shaped drainage channel lined with an erosion control mat.

#### 2.4.3 AREA 5 STORMWATER RUN-ON

An elevated soil berm and roadway was constructed north of the compost facility to prohibit stormwater generated south of Area 5 from flowing north onto Area 5. The preexisting culvert was removed and replaced with a new culvert that directs stormwater from the roadside ditch on the north side of the compost access road onto the compost pad, and ultimately into the compost facility lagoon. The project required reconstruction of approximately 200 linear feet of the existing compost access road in order to raise the grade of the road and prevent stormwater from flowing onto Area 5. The compost access road was also realigned to provide better maneuverability for tractor-trailer traffic. All drainage from roadway structures outside of Area 5, and drainage off the asphalt surface, is now to the south into the compost lagoon.

#### 2.5 LANDFILL GAS CONTROLS

The existing LFG extraction system for Area 6 was expanded to include Areas 1, 2 and 5. New construction included the construction of LFG extraction wells, piping, connection to the existing pipe main lines, installation of condensate sumps, and meters. To facilitate year-around operation and accommodate cold weather use, the piping and control appurtenances at the existing flare station were outfitted with self-regulating heat tracing and insulation around the autovalve, flame arrestor, control valves, moisture knock-out-pot (KOP) and associated drains. An existing LFG vent located in Area 5 was decommissioned to prevent air intake.

#### 2.5.1 LFG EXTRACTION SYSTEMS

In April 2016, a total of ten LFG extraction wells were installed in Areas 1, 2, and 5. The extraction wells were constructed consistent with the Minimum Standards for Construction and Maintenance of Wells (Chapter 173-160 WAC) by Mark Heuett General Contractor, Inc. under the supervision of Harding Well Drilling Company, of Walla Walla, Washington. At Area 1, one extraction well was located near GW-11 and a second extraction well was installed northeast of GW-11. One extraction well was installed in the central region of Area 2. Seven extraction wells were installed in Area 5, spaced with an approximate radius of 150 feet; comparable to the spacing of the extraction wells in Area 6, which appear to provide uniform and overlapping influence.

The extraction wells were drilled using a Soilmec Piling Rig with a 36-inch diameter core barrel or flight auger. Spoils were gathered and disposed of in the Area 7 refuse cell. Extraction well design incorporated a telescoping 3-inch diameter Schedule 80 PVC upper well pipe and a lower 4-inch diameter Schedule 80 PVC pipe configuration allowing for waste settlement without compromising the well. A slip coupling was installed connecting the upper and lower well sections. The extraction well screens roughly extend across the bottom one-third of the refuse with the bottom starting within the bottom 3 feet of refuse. A gravel well pack consisting of 1-1/2 inch rounded stone was placed around the well screen using the tremie method. A minimum 2-foot thick bentonite seal was tremied into place above the screen and gravel pack section. Soil backfill (5/8-inch minus crushed rock) was placed from the bentonite seal to 7 feet below the final ET cover grade. An additional 3-foot bentonite seal was placed just below finished

grade to complete the well installation. Each extraction well is equipped with a valve and monitoring station (Landtec Accu-flow wellhead) to regulate induced vacuum, flow, and allow monitoring of LFG composition and temperature. Three bollards are placed around each wellhead. The general construction details are shown in the Record Drawings. The as-built construction elevations are provided in Table 1.

The extraction wells were connected via lateral piping to a header pipe that conveys the LFG to the existing header network and ultimately to the flare station for destruction using 4-inch or 8-inch diameter high-density polyethylene (HDPE) pipe. Gas flow meters were installed at the main-line piping connections at Area 5 and Area 1. The Area 2 gas line was connected at the Area 5 flow meter.

The extraction well laterals were oriented to provide positive drainage to the header at a minimum 1 percent grade to ensure condensate does not impede collection vacuum or flow. Similarly, the headers provide positive drainage to the existing sump near Area 1, a sump located at the east edge of Area 2, and a sump located at the base (north side) of Area 5. Optimization of the extraction well layout and lateral/header orientation was coordinated to accommodate the top of MSW encountered during the project and final grading of the cap. Optimization of the layout was performed during construction to minimize lateral run lengths, minimize excavation into refuse, drain condensate, and to minimize header lengths, bends, and fittings to reduce friction. Piping alignments were coordinated with landfill access roads and drainage features to provide efficient access and to minimize grade conflicts preventing positive drainage. Record Drawings are provided in Appendix C.

#### 2.5.2 CONDENSATE CONVEYANCE

Condensate from the Area 1 LFG header drains into the existing Area 6 condensate sump located near Area 1. The piping configuration is shown on the Record Drawings provided in Appendix C.

Condensate from the Area 2 and 5 header systems drain by gravity into two new sump and pump systems located off refuse just north of Area 5 and east of Area 2. The new sump and pump systems consist of Real Environmental Products Auto Sump 7000. The sump pumps discharge the condensate via a 1½-inch HDPE forcemain. The forcemain was installed in the same trench as the condensate drain line and LFG header, and connect to the Area 6 forcemain at the existing blind flange. The condensate line and sump locations are shown on the Record Drawings provided in Appendix C.

#### 2.5.3 GAS COLLECTION SYSTEM AND FLARE MODIFICATIONS

To facilitate year-around operation and accommodate cold weather use, the piping and control appurtenances at the flare station was outfitted with self-regulating heat tracing and insulation around the autovalve, flame arrestor, control valves, KOP, and associated drains.

#### 2.5.4 VENT DECOMMISSIONING

The Area 5 LFG vent was decommissioned by Mark Heuett General Contractor, Inc. under the supervision of Harding Drilling Company. The vent was decommissioned consistent with the variance from the requirements of the Minimum Standards for Construction and Maintenance of Wells (Chapter 173-160 WAC) for decommissioning wells as addressed in the Ecology letter dated December 15, 2015 (Ecology 2015b). The vent extended to a depth of 53 feet below the former surface grade, and consisted of two sections of 24-inch diameter steel pipe set on top of each other without a coupling. The two sections of pipe were off set at the pipe joint.

On April 13, 2016, the vent was decommissioned by filling the pipe with cement grout using the tremie method. A concrete pump truck with extension arm was used to place the cement into the vent. The tremie pipe could not extend past the off-set pipe joint, and the vent was filled from the pipe joint using approximately 12 cubic yards of 27 sack neat cement, containing 5% by weight granular bentonite. Significant cement grout loss was realized from the vent bottom and at the pipe joint; however, the pipe casing was ultimately filled from the bottom to ground level with the bentonite-cement grout slurry consistent with the requirements of WAC 173-160-216. After the grout stiffened, the above ground casing was cut off at elevation 828.5, which corresponds with the bottom elevation of the ET cover. The ET cover was subsequently constructed over the decommissioned vent. The former vent location is shown on the Record Drawings provided in Appendix C.

#### 2.5.5 SYSTEM STARTUP

LFG extraction from Areas 1, 2, and 5 began in June 2016. During the system startup, frequent monitoring of the extraction wells was performed in order to find the preferential vacuum setting on each well. Monitoring and GCCS adjustments were performed on a monthly schedule after full build-out, to ensure that the LFG control system is operating effectively.

# 3.0 STATEMENT OF COMPLIANCE

Based upon review of submittals from Contractor, daily reports from City, materials testing reports from Intermountain Materials Testing, and construction surveying from Anderson Perry & Associates, it is the opinion of the undersigned that the Remedial Action was constructed in substantial compliance with the construction plans, specifications, and related documents.



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#### 4.0 **REFERENCES**

J-U-B Engineers, Inc. (JUB) 2016. Volume I: Bid and Contract Documents, Volume II: Final Plans and Construction Documents, and Volume III: Construction Quality Assurance (CQA) Manual for Sudbury Road Landfill Remedial Action, Walla Walla, Washington. Prepared by JUB, Schwyn Environmental Services, LLC, and others for the City of Walla Walla. January.

Schwyn Environmental Services, LLC (Schwyn). 2016. *Engineering Design Report for Sudbury Road Landfill Remedial Action, Walla Walla, Washington*. Prepared for the City of Walla Walla. January 6.

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Washington State Department of Ecology (Ecology). 2015a. *Cleanup Action Plan, Sudbury Road Landfill Site, Walla Walla, WA, CSID 2485, FSID 4446540.* Prepared by Eastern Regional Office, Waste 2 Resources Program. Spokane, WA. May.

——. 2015b. Variance from the Minimum Standards for Construction and Maintenance of Wells, Chapter 173-160 WAC, Decommissioning of a Vapor Extraction Well, Sudbury Landfill, Walla Walla County, WA. Letter from the Washington State Department of Ecology Water Resources Program to Mr. Frank Nicholson, City of Walla Walla. December 15.

——. 2010. Notice of Potential Liability Under the Model Toxics Control Act for the Release of Hazardous Substances at the Sudbury Road Landfill, 414 Sudbury Road, Walla Walla, WA 99362, Facility 4446540. Letter from the Washington State Department of Ecology Waste 2 Resources Program to Mr. Craig Sivley, City of Walla Walla Public Works Director. 29 March.

# TABLE 1 EXTRACTION WELL CONSTRUCTION SUMMARY Sudbury Road Landfill City of Walla Walla, Washington

Extraction	Date	Finish Grade	Total	Gravel		Drain	Bentonite Seal		Prain Bentonite Seal		4" PVC 80	4" PVC 80	Slip	3" PVC 80
Well	Drilled	(Ft NAVD88)	Depth	Bottom	Тор	Rock	Bottom	Top Seal	Perforations	Solid Pipe	Joint	Solid Pipe		
EW-12	4/28/2016	832.43	40.0		4.0-19.6	23.0-40.0	19.6-23.0	1.0-4.0	25.0-38.0	15.0-25.0	15.0	+3-15.0		
EW-13	4/26/2016	846.93	60.0		4.0-36.0	39.4-60.0	36.0-60.0	1.0-4.0	41.0-58.0	15.0-41.0	15.0	+3-15.0		
EW-14	4/27/2016	830.64	51.0	47.5-51.0	4.0-27.2	30.3-47.5	27.2-30.3	1.0-4.0	32.0-45.0	15.0-32.0	15.0	+3-15.0		
EW-15	4/26/2016	843.42	61.5		4.0-36.0	39.4-61.5	36.0-39.4	1.0-4.0	41.0-58.0	15.0-41.0	15.0	+3-15.0		
EW-16	4/27/2016	830.89	41.0		4.0-23.1	26.3-41.0	23.1-26.3	1.0-4.0	28.0-39.0	15.0-28.0	15.0	+3-15.0		
EW-17	4/26/2016	833.71	56.0	55-56	4.031.5	34.5-55.0	31.5-34.5	1.0-4.0	36.0-55.0	15.8-36.0	15.8	+3-15.8		
EW-18	4/27/2016	817.40	36.0	32-36	4.0-20.4	23.4-31.8	20.4-23.4	1.0-4.0	25.0-31.0	15.0-25.0	15.0	+3-15.0		
EW-19	4/25/2016	813.08	34.0	27.5-34	4.0-15.5	18.5-27.5	15.5-18.5	1.0-4.0	19.8-26.8	12.0-19.8	12.0	+4-11.0		
EW-20	4/25/2016	832.43	52.0	51-52	4.0-30.9	34.0-51.0	30.9-34.0	1.0-4.0	37.5-50.5	16.0-37.5	16.0	+3-16.0		
EW-21	4/25/2016	834.26	47.5	44-47.5	4.0-27.5	31.4-44.1	27.3-31.4	1.0-4.0	33.0-43.0	16.0-33.0	16.0	+3-16.0		
Notes: All wells installed by Mark Heuett General Contractor, Inc. under the supervision of Harding Well Drilling. All measurements in approximate feet below finished grade. Gravel: 5/8-inch minus crushed gravel. Drain Rock: 1-1/2 inch rounded stone.														

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APPENDIX A

# **Daily Summary Reports**





## **PROJECT OBSERVATION REPORT**

REPORT NO.		1					
DATE	C	3/14/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		15-23		
APPROX. TEMP. RANGE 38 - 50 (WC 4							

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	Jpetty				
PRIME CONTRACTOR Culbert Construction					

Aver	age Field	d Work Fo	orce										
Na	me of Conti	actor and/or	r Subcontractor(s)	endents/Fore	eman	Opera	ators	Labo	orers	Remarks		S	
Α.	Culbert Co	onstruction		K	ory Ellison		0		(	)	Delivered 2 Crushers		rushers
В.	Anderson	- Perry		2 Mar	n Survey Cre	w	0			2	Che	cking into	Control
C.													
D.	D.												
E.	E												
Equi	pment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see al	pove)									
		_	Equ	ipment - ID No, a	and Descripti	ion				Opr	Stdby	Down	Idle
A	2	Deliver 2 C	Crushers - Metso LOK	OTRACK LT1110	) & LT 106								х
В.	1	Survey Cre	ew - Truck 4-Wheeler							Х			
Job	Site Visit	ors											
	Time		Name		Representing				Remarks				
	11:30	Kory			Culbert					Picked up 4 Gate Cards			
Erosion Control Are erosion control measures and BMPs				MPs:	In Place?	n/a	а	Functi	ioning adequately?				
Is there any evidence of discharge of pollutants into surface waters					waters or sto	orm system?	n/a	a Photos T			s Taken?		
Traff	Traffic Control Photos Taken?					n/a		Inspector On Site Hours					
	Was Traffic control required today?					No		From	om 7:00 Tc		То	To 7:10 AM to S.C.	
		Was traffic	c control according to	the approved TC	Plan?	n/a		From	om 9:30 To 10:30:A			M to S.C.	
		Do	all flaggers have curr	ent flagging/TCS	cards?	n/a		From	rom 11:50AM SCtoLF To 3:30:PM to				M to S.C.

PROJECT	Sudbury Landfill 5/2 Remediation	1	REPORT
---------	----------------------------------	---	--------

DATE

T No. 1 03/14/16

General Obs	ervations and Discussions Including but	not limited to: a report of the day's operations, time log (if applica	ble),					
Time	orders given and received, discu	ussions with contractor, and any applicable statements for the mo	onthly estimate.					
11:30	Discussed Control Staking with Eric Green/	/Frank @ Service Center - New Control on USGS System	(no 2.5' Diff)					
Field Tests Performed		Location	Results					
None								
Capias Sant								
Copies Sent	10							

**1 REPORT No.** 1 DATE

03/14/16

#### Photographs





#### Brief Description

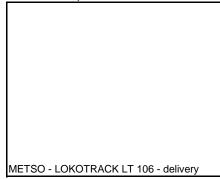




Blief Beechpaeli
Metso - Lokotrack LT 1110 - delivery

# Photo # IMG-1470

## Brief Description



# Photo #\_\_\_\_\_

#### Brief Description

Lowboy Tracktor / Trailers / Delivery	



Project Name

PRIME CONTRACTOR Culbert Construction

City of Walla Walla

ENGINEER Project Engineer

INSPECTOR J. Petty

PROJECT

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.		2					
DATE	Mar	ch 15,2	016				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		8 to 23		
APPROX. TEI	C 36)						

Aver	age Field	d Work Fo	orce											
Na	me of Cont	ractor and/or	Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Lab	orers		Remarks		
Α.	Culbert Co	onstruction		к	ory Ellis	on	1			0	Tru	Truck Driver Pt time		
В.	Anderson	- Perry		1 Ma	n Surve	y Crew	(	)		1				
C.														
D.														
E.														
Equi	pment at	t the Site												
	Opera	ating Contrac	tor's ID (A - E, see at	oove)										
		-	Equ	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle	
A	1	Delivered (	Cat 312 Excavator wit	h buckets/hoepa	ck								Х	
A	1	Delivered S	Delivered Scraper on lowboy 3:40pm										Х	
В.	1	Survey Cre	Survey Crew - Truck 4-Wheeler											
A	1	Cat D-6N	Cat D-6N											
A	1	Dump Truc	Dump Truck / Trailer											
A	1	Gator								Х				
A	2	Crushers											Х	
Job	Site Visit	ors												
	Time		Name			Representing				Remarks				
	10:00	Frank Nich	olson		City					Checkin	g Bench I	nfo		
									-			-		
Eros	ion Cont	rol	Are erosion control	measures and E	BMPs:	In Place?	n/	a	Funct	ioning ad	equately?			
Is there any evidence of discharge of pollutants into surface				ants into surface	waters	or storm system?	n/	a	a Pho		s Taken?	Yes -	Haul road	
Traff	ic Contro	ol		Photos -	Taken?	n/a		Inspector On		Site H	ours			
Was Traffic control required to					today?	No		From 7		00	То			
		Was traffic	control according to	the approved TC	Plan?	n/a		From	From To					
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То			

PROJECT Su	udbury Landfill 5/2 Remediation	2	REPORT No.	2	
FROJECI 00	abuly Lanunii 3/2 Nemeulation	2	REFORTING.	2	

DATE March 15,2016

General Obse	rvations and Discussions Including but r	not limited to: a report of the day's operations, time log (if applica	ole),						
Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mo	nthly estimate.						
	Prepping staging area - Regrade to drain - I	Dozer							
	started stripping/grubbing Area 2 with Doze	r							
Field Tests Pe	erformed	Location	Results						
None									
Copies Sent T	ō								

INSPECTOR J. Petty

REVIEWER

	Project Name	2 REPORT No.	2
		DATE	March 15,2016
Photograph	<u> </u>		
<u> </u>	<u> </u>		
			Photo # IMG-1475 Brief Description Cat D6N
			Photo # IMG-1476 Brief Description METSO - LOKOTRACK LT 106 - delivery
			Photo # IMG-1477
			Brief Description
			Dump trk / Trailer/ Delviver/Excavator/buckets



Project Name

City of Walla Walla

PRIME CONTRACTOR Culbert Construction

ENGINEER Project Engineer

INSPECTOR J. Petty

PROJECT

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.									
DATE	Mar	ch 16,2	016						
DAY	S	М	Т	W	TH	F	S		
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS					
WIND	STILL	MODER.	HIGH						
APPROX. TEMP. RANGE 33 - 54 (WC 42)									

Avera	age Field	Work Fo	orce										
Nai	me of Contr	actor and/or	r Subcontractor(s)	Superinte	endents	/Foreman	Opera	ators	Labo	orers		Remark	S
Α.	Culbert Co	nstruction		Kory	Ellison	(sick)	2		(	)	Truck Driver Pt time		
В.	Anderson	- Perry		1 Mar	n Surve	y Crew	0			1			
C.													
D.													
E.													
Equi	pment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see at	oove)									
		-	Equ	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
A	1	Cat 312 Excavator with buckets/hoepack											Х
A	1	Cat 623 F Scraper											Х
В.	1	Survey Crew - Truck 4-Wheeler											Х
A	1	Cat D-6N Dozer											Х
A	1	Dump Truck / Trailer - Moving equipment and shed - part time								Х			
A	1	Komatsu V	VA 320 Loader										Х
A	1	Water True	ck										Х
A	1	Gator											Х
A	2	Crushers -	Relocated to Concre	te Pile - part time						Х			Х
Job S	Site Visit	ors											
	Time		Name			Repr	resenting				Rei	marks	
Eros	ion Cont	rol	Are erosion control	measures and B	MPs:	In Place?	n/	а	Functi	oning ade	equately?		
	Is there a	ny evidence	of discharge of pollut	ants into surface	waters	or storm system?	n/	a		Photo	s Taken?	Yes - H	Haul road
Traff	ic Contro	bl		Photos T	aken?	n/a		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	No		From	7:		То	12:30	to RootX
		Was traffic	control according to	the approved TC	Plan?	n/a		From	1:00 Roo	otX to SC	То	1:30 \$	SC to LF
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	1:30 LF To 3:45 Off				l5 Off

PROJECT	Sudbury Landfill 5/2 Remediation	3	REPORT No.	3

DATE

March 16,2016

General Obs	servations and Discussions Including but	not limited to: a report of the day's operations, time log (if applica	ble),
Time	orders given and received, discu	issions with contractor, and any applicable statements for the mo	onthly estimate.
all day	City Crews Cleaning staging area - Moving	Scrap Iron - Deliver tires for Crushers to cross Rd	
2:30	2 Crushers were moved across road to Co	ncrete Pile for setup and training on 3-17 & 3-18	
2:30	Storage Shed moved on Site		
2.00	Storage oned moved on one		
Field Tests I	Performed	Location	Results
None			
Copies Sent	То		

INSPECTOR J. Petty

REVIEWER

ct Name <b>3 REPORT No.</b> 3	
DATE March 16,2010	6
Photo # IN	/IG-1549
Brief Des	cription
Culbert Wat	er Truck
	AC 1565
Photo # IN	//G-1505
Brief Des	cription
Crushers ma	oved to Concret Pile
Photo # IN	/IG-1548
Brief Des	cription
Thrash expo	osed in top 12" of Cover
Brief Des	cription



Project Name

PRIME CONTRACTOR Culbert Construction

City of Walla Walla

ENGINEER Project Engineer

INSPECTOR J. Petty

PROJECT

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.									
DATE	Mar	ch 17,2	016						
DAY	S	Μ	Т	W	TH	F	S		
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS					
WIND	STILL	MODER.	HIGH						
APPROX. TEMP. RANGE 33 - 54 (WC 42)									

Ave	rage Fiel	d Work Fo	orce											
Na	ame of Cont	ractor and/or	Subcontractor(s)	Superint	endents/I	oreman	Oper	ators	Lab	orers	Remarks			
Α.	Culbert C	onstruction		К	ory Elliso	n	6	;		0	(	Crushing C	Ops	
В.	Anderson	- Perry		1 Ma	n Survey	Crew	C	)	1					
C.														
E.														
Equ	ipment a	t the Site												
	Opera	ating Contrac	ctor's ID (A - E, see al	oove)										
			Equ	ipment - ID No, a	and Desc	ription				Opr	Stdby	Down	Idle	
4	1	Cat 320 Ex	cavator with buckets	/hoepack						1/2			1/2	
Ą	1	Cat 623 F	Scraper										Х	
В.	1	Survey Crew - Truck 4-Wheeler											Х	
A	1	1 Cat D-6N Dozer											1/2	
Ą	1	1 Dump Truck / Trailer -											Х	
A	1	Komatsu V	VA 320 Loader							1/2			1/2	
A	1	Water Truc	ck										Х	
A	1	Cat 615 F	Water Wagon										Х	
A	1	Gator								1/4				
A	2	Crushers -	Relocated to Concre	te Pile - part time	•					1/2			Х	
Job	Site Visi	tors												
	Time		Name			Rep	Representing			Remarks				
	10:00	Frank Nich	olson		City					Review	subgrade	ubgrade layout		
Eros	sion Con	trol	Are erosion contro	I measures and E	BMPs:	In Place?	n/	a	Funct	ioning ad	equately?			
	Is there a	any evidence	of discharge of pollu	tants into surface	waters o	r storm system?	n/	a	а		s Taken?	Yes - H	laul road	
Traf	fic Contr	ol		Photos -	Taken?	n/a		Inspector On		Site H	ours			
Was Traffic control required t					today?	No		From 7		:00	To 12:00		2:00	
		Was traffic	control according to	the approved TC	Plan?	n/a		From	12:00	12:00 to SC TO 12:30 to I			LF	
		Do	all flaggers have curr	ent flagging/TCS	cards?	n/a		From	12:3	30 LF	То	3:00 to S	C Files m	

 Sudbury Landfill 5/2 Remediation
 4
 REPORT No.
 4

 PROJECT

 DATE	

	7	ncluding but not limited to: a report of the day's operation	
Time	-	ceived, discussions with contractor, and any applicable	statements for the monthly estimate.
7 to 11	Cruching equipment set up 1/2	day & functioning 1/2 day	
am	Kory set Hubs on E/W and N/S	Grid to verify accuracy between A-P & Culbert ec	quipment
9:00	Cat 923 F - Scraper/water tank	mobilized to site	
1:30	A-P Control hub and Culbert (cc	mparision +/- 0.01; 0.03 ; 0.05; to 0.09 (1 shot))	
11 to 3:30	Crushing equipment processing	concrete 1/2 Day	
10 to 3:30	Dozer cleared/grubbed majority	of northerly slope of Area 5	
Field Tests Performed		Location	Results
None			

INSPECTOR J. Petty

\\DATA64\Engine\PROJECTS\Inspection Report Database

REVIEWER

March 17,2016

	4 REPORT No.	4
	DATE	March 17,2016
S		
		Photo # IMG-1569
	1	Brief Description
	Ser -	
		Crusher set up - 6" Minus on left 2" - Dumps into the 2"minus crusher on the right
		Photo # IMG-1591
		Brief Description
		2" minus gravel processed 3/17/2016
_		Photo # IMG-1588
and the second second		Brief Description
		Dozer work 3/17 Cleared/Grubbed the North Face of Area 5 on 3/17



## **PROJECT OBSERVATION REPORT**

REPORT NO.		5						
DATE	Mar	ch 18,2	016					
DAY	S	М	Т	W	TH	F	S	
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS RAIN SNOW				
WIND	STILL	MODER.	HIGH	0 to 8				
APPROX. TEMP. RANGE 27 - 59								

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR J. Petty					
PRIME CONTRACTOR Culbert Construction					

Ave	rage Fiel	d Work Fo	orce										
Na	ame of Cont	ractor and/or	r Subcontractor(s)	Superinte	endents/Forem	an	Opera	ators	Lab	orers		Remarks	6
Α.	Culbert C	onstruction		Ko	ory Ellison		3			0 C		Crushing C	)ps
В.	Anderson	- Perry		1 Mar	n Survey Crew		C						
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	nd Description	l				Opr	Stdby	Down	Idle
A	1	Cat 320 Ex	cavator with buckets/	hoepack						1			
A	3	Cat 623 F	Scraper										Х
В.	1	Survey Cre	ew - Truck 4-Wheeler										Х
A	1	Cat D-6N I	Dozer							1/2			1/2
A	1	Dump Truc	ck / Trailer -										Х
A	1	Komatsu V	VA 320 Loader							1			1
A	1	Water True	ck										Х
A	1	Cat 615 F	Water Wagon										Х
A	1	Gator								1/4			3/4
A	1	Cat 563 Ro	oller										Х
A	2	Crushers -	Relocated to Concret	e Pile - part time						1			
Job	Site Visi	tors											
Time Name					Repr	esenting				Rei	marks		
	11:00 Frank Nicholson			City				Review	subgrade	layout			
	10:30 Ki Bealy			City				Observe work in progress					
Erosion Control Are erosion control measures and			measures and B	MPs:	In Place?	ice? n/a Fund		Funct	ctioning adequately?				
Is there any evidence of discharge of pollutants into surface				ants into surface	waters or storn	aters or storm system? n/a			Photos Taken? # 1592		2 - 1608		
Traffic Control Photos			Photos T	aken?	n/a Inspector C		tor On	on Site Hours					
Was Traffic control required				control required t	today?	No	No From		7:00		То	12:15	
		Was traffic	c control according to t	he approved TC	Plan?	n/a		From	12:45	@ LF	To 1:45: PM - OF		- OFF app
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:45	@ LF	То	5:00 por	nd repairs

\\DATA64\Engine\PROJECTS\Inspection Report Database

	<b>PROJECT</b> Sudbury Landfill 5/2 Remediation
--	---

**5 REPORT No.** 5 DATE March 18,2016

General Observations and Discussions Including but not limited to: a report of the day's operations, time log (if applicable),							
Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mo	onthly estimate.				
7/11:30-12/3:30	Fuel problem late start Cruching equipment	- functioning most of day					
8:30	Corresp with Alex Hub control review - verti	cal grades - sub-grade verification per submittal					
9:00	2 more Cat 923 F - Scrapers mobilized alon	ng with the Cat 563C Roller					
12:30	Water crew vactoring Pond boot & replaced	d clamp test passed observe over weekend					
1:45 to 2:45	Off Appt						
2:45 to 4:45	Photos / Water Back On / Dozer cleared/gru	ubbed top and remaining northerly slope of Area 5					
Field Tests Pe	rformed	Location	Results				
None							
Copies Sent T	0						

INSPECTOR J. Petty

PROJECT	Project Name	5	REPORT No DATE	5 March 18,2016
Photograph	S			
				Photo # IMG-1600
	A CONTRACTOR		ŀ	Brief Description
				Crusher @ End of day 3/18/16 Concrete pile view after 1.5 days of operation
				Photo # <u>IMG-1602</u>
			The state of	Brief Description
				2" minus gravel processed at end of day 3/18/2016
				Photo # <u>IMG-1608</u>
	the second			Brief Description
				Dozer work 3/18 Cleared/Grubbed the top & finished the North Face of Area 5 on 3/18/16



REPORT NO.		6					
DATE	Mar	ch 21,20	016				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		5 to 7		
APPROX. TEI	MP. RAN	IGE			42- 63	3	

PROJECT Project Name					
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

Avei	age Field	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superint			endents/Forem	an	Opera	ators Laborers		Remarks					
Α.	Culbert Co	onstruction		K	ory Ellison		6	;		0	Crushing Ops		
В.					Leo		0						
Equi	ipment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Description					Opr	Stdby	Down	Idle
A	1	Cat 320 Ex	cavator with buckets/	hoepack						1			
A	3	Cat 623 F \$	Scraper							2			1
В.	1	Survey Cre	w - Truck 4-Wheeler										Х
A	1	Cat D-6N D	Dozer							1	0		
A	1	Dump Truc	:k / Trailer -							1			
A	1	Komatsu W	/A 320 Loader							1			1
A	1	Water Truc	k										Х
A	1	Cat 615 F \	Water Wagon										Х
A	1	Gator								1/4			3/4
A	1	Cat 563 Ro	oller										Х
A	2	Crushers -	Relocated to Concret	e Pile - part time						1/2		1/2	
Job	Site Visit	ors											
	Time		Name			Repr	esenting				Re	marks	
	11:00	Frank Nich	olson		City				Review subgrade layout				
	2:20 Leo Perales				Intermountain Testing				Observe work in progress				
Eros	ion Cont	rol	Are erosion control	measures and B	BMPs:	In Place?	n/	a	Funct	ioning ad	equately?		
	Is there a	ny evidence	of discharge of pollut	ants into surface	waters or storn	n system?	n/	a		Photo	s Taken?	# 1609	to 1626
Traffic Control Photos		Photos 1	Taken?	n/a Insp		Inspec	nspector On Site Hours		ours	'S			
			Was Traffic	control required	today?	No From		om 7:00		To 12:15		2:15	
		Was traffic	control according to t	he approved TC	Plan?	n/a		From 12:45		5 @ LF	To 4:30: PM - OF		M - OFF
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

DATE

March 21,2016

General Obse	rvations and Discussions Including but r	not limited to: a report of the day's operations, time log (if applica	ble),			
Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.					
11:30	Debris buildup Cruching equipment - function	oning am down pm				
7:30	2 scrapers hauling from Area 5 to test strip	on Area 2				
2:30	Intermountain testing checking compaction	of lifts in Test Strip Area 2				
	more than 50% of tests > 90% - informed K	ory that Area 6 used Dozers (not Scrapers) for placing/co	mpacting lifts			
	to achieve desired 82% to 88 %					
11:00	Sent Photos of Culbert's traffic signage to J	UB, didn't see traffic control plan submittal - could use im	provement			
3:30	Discussed high compaction results with Fra	nk & Alex - need to redo test strip Area 2 to obtain desire	d results			
Field Tests Pe	erformed	Location	Results			
None						
Compactio	on Testing	Test Strip Area 2	> 50% exceeded 90%			
Copies Sent T	Го					

**INSPECTOR** J. Petty

REVIEWER

Project Name 6 REPORT DATE	No. 6 March 21,2016
S	
	Photo # <u>IMG-1612</u>
	Brief Description
	Haul Road near Compost Rd Crossing Northerly view - wet & pumping with scrapers hauling
	Photo # <u>IMG-1618</u>
and the second	Brief Description
	Compost Road Traffic Control near haul rd flasher (off) & Road Work Ahead signs
	Photo # IMG-1625
and the stand of t	Brief Description
	Area 2 Test Strip for compaction effort to achieve 82 to 88 % compaction



REPORT NO.		7					
DATE	Mar	ch 22,2	016				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		13 to 26		
APPROX. TEI	EMP. RANGE 40- 50 (WC 42)						

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

Ave	rage Field	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superint			endents/F	oreman	Opera	ators	s Laborers		Remarks				
Α.	Culbert Co	onstruction		K	ory Ellison	I	6	i		0	(	Crushing (	Ops
В.	Intermoun	tain Testing		Le	eo Perales	6	0	)		0	Comp	n - Area 2	2 test plot
Equ	ipment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	oove)									
			Equi	ipment - ID No, a	and Descr	iption				Opr	Stdby	Down	Idle
A	1	Cat 320 Ex	cavator with buckets/	hoepack						0.6			0.4
A	3	Cat 623 F \$	Scraper - Too wet							0			Х
В.	1	Survey Cre	w - Truck 4-Wheeler										Х
A	1	Cat D-6N D	Dozer							0.3			0.7
A	1	Dump Truc	k Hauling Gravel							0.7			0.3
A	1	Komatsu W	/A 320 Loader							0.6			0.4
A	1	Water Truc	k										Х
A	1	Cat 615 F \	Water Wagon										Х
A	1	Gator											Х
A	1	Cat 563 Ro	oller										Х
A	1	Crushers @	Concrete Pile - shut	t down 1:30						0.6			0.4
Job	Site Visit	ors											
	Time		Name			Repr	esenting				Re	marks	
		Frank Nich	olson		City				Review subgrade layout				
		Leo Perale	s		Intermour	ntain Testing				canceled	d - too we	t	
Eros	sion Cont	rol	Are erosion control	measures and B	BMPs:	In Place?	N	0	Funct	ioning ade	equately?		No
	Is there a	ny evidence	of discharge of pollut	ants into surface	waters or	storm system?	containe	d on site		Photo	s Taken?	# 1609	) to 1626
Traf	fic Contro	bl		Photos 1	Taken?	n/a		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	No		From	7:	:00	То	11 am	n to S.C.
		Was traffic	control according to t	the approved TC	Plan?	n/a		From 11:45 \$		S.C to LF	To 12:15 pm		15 pm
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	12	::45	То	3	:30

PROJECT	Sudbury Landfill 5/2 Remediation	7	REPORT No.	7
			DATE	March 22,2016
			_	

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
11:30	Debris and fines buildup Crush	ing equipment - functioning in am down pm						
7:30 - 8:00 AM	neither scraper could get to Area 5 too soft with all the rain. Both operators sent to Pasco.							
9:00 - 11:00	Discussed moving haul road to	east between compost area and shed, along a	rea that is already graveled					
	Gave crew permission to pick	up a stick of 18" DI pipe for temporarty culvert of	n north side and for south side if needed.					
	6" minus material was utilized	to stabilize haul road on both sides of compost a	access rd					
1:30 PM	Stopped Larry from hauling 2"	minus along easterly haul road to wet & rutting,	wasting material. Most of material hauled					
	today went along northwesterly haul road towards water tank. Total of 152.25 tons gravel hauled, 10:00 am to 1:07.							
	Note: 271.90 tons hauled on Monday 3/21/16							
3:30	Corrected Weekly Summary of Work Days & forwarded to Kory							
ield Tests Po	erformed	Location	Results					
None - too wet								

REVIEWER

INSPECTOR J. Petty

PROJECT	Project Name	7 REPORT No.	7
		DATE	March 22,2016
Photograph	S		
			Photo # IMG-1630
		I mare the second	
	and the second s		Brief Description
		the second second	
	and the second states	and the second second	
			Alternative Haul Road @ Compost Rd Crossing easterly view. New 18" DI culvert to
			improve drainage
	Contraction of the second	States of	
			Photo # IMG-1618
			Brief Description
	Carrier Carrier		
	and a second sec	Contraction of the second	
		- MARCHAN	
			Old haul Rd to Area 5 north of Compost Road, scraper got stuck trying to access Area
			5.
	and the second second		
			Photo # IMG-1645
	and the second second		Brief Description
	- State		
			West view of East haul road to intersection,
			base is rutted and too wet to place crushed
			concrete without wasting material



REPORT NO.		8					
DATE	March 23,2016						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	T SHOWERS RAIN SNOW			
WIND STILL MODER.			HIGH				
APPROX. TEI	MP. RAN		43-	58 (W	C 42)		

PROJECT	Project Name					
ENGINEER Project Engineer						
CLIENT	City of Walla Walla					
INSPECTOR J. Petty						
PRIME CONTRACTOR Culbert Construction						

Average Field Work Force													
N	ame of Cont	ractor and/o	r Subcontractor(s)	Superinte	endents/For	eman	Opera	ators	Lab	orers	Remarks		
A.	Culbert Co	onstruction		K	ory Ellison		2	2		1	C	Crushing C	Ops
В.	Intermoun	tain Testing		Le	eo Perales		0	)	-	0	Are	a 2 test to	o wet
Equipment at the Site													
	Opera	ating Contrac	ctor's ID (A - E, see ab	oove)									
Equipment - ID No, and Description									Opr	Stdby	Down	Idle	
Ą	1	Cat 320 Ex	xcavator with buckets/	hoepack						0.8			0.2
4	3	Cat 623 F	Scraper - Too wet							0			Х
З.	1	Survey Cre	ew - Truck 4-Wheeler										Х
4	1	Cat D-6N	Dozer							0.2			0.8
4	1	Dump True	ck Hauling Gravel - no	o hauling									Х
4	1	Komatsu V	Komatsu WA 320 Loader						0.5			0.5	
Ą	1	Water Truck X							Х				
A	1	Cat 615 F Water Wagon X							Х				
A	1	Gator	Gator X							Х			
Ą	1	Cat 563 R	Cat 563 Roller						Х				
Ą	1	Crushers @ Concrete Pile - shut down part time low production								0.5			0.5
Job	Site Visit	ors									·		
Time Name				Representing				Remarks					
10:30 Frank Nicholson			City				Bi Weekly Meeting						
Dan DeB; Craig Swchwyn; Alex Fazz			Culbert/Scl	Culbert/Schwyn/JUB			Mtg/concrete production/site review						
Erosion Control Are erosion control measures and I			BMPs:	In Place?	N	o Functioning ade		equately?	I	No			
Is there any evidence of discharge of pollutants into surface				waters or st	orm system?	containe	d on site	site Photos Taken? # 1649 to			to 1653		
Traffic Control Photos Ta				Taken?	n/a		Inspec	tor On	n Site Hours				
			Was Traffic	control required	today?	No		From 7:00		То	1:00 pm to		
		Was traffic	c control according to	the approved TC	Plan?	n/a		From	1:4	45 LF To 3:30 pm to			m to S.C.
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	3:30	S.C.	То	5:00 -	Root-X

	PROJECT	Sudbury Landfill 5/2 Remediation	8	REPORT No.	8
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DATE

March 23,2016

General Observations and Discussions Including but not limited to: a report of the day's operations, time log (if applicable),								
Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00	Debris and fines buildup Crushing equipment - functioning off/on all Day							
	Neither scraper could get to Area 5, too sof	t with all the rain. No operators						
10:30 - 12:00		s Culbert Proposes Grizzley to screen dirt Requested ad						
		No extension regarding June 30, deadline for work > \$90						
	Reviewed alternative Proposals for Well co	onstruction Modifications to plans - JUB/Schwyn to review	v with Herrera/CBI					
	Reviewed test on area 2 - need to reproces	ss rip/walk in with Dozer with AM testing during process						
	Samples of gravel taken 3/21/16 waiting for	r gradation results to compare with Sec 02235-2.1 from Ir	ntermountain Testing					
12:-1:00pm-site		t from concret to crush - Culbert to investigate grizzly screen						
	reviewed potential haul roads for alternative							
	Note: 0 tons hauled on Wednesd	esday 3/23/16 Process gravel stockpiled						
Field Tests Pe	erformed	Location	Results					
None - too wet								
Copies Sent T								

**INSPECTOR** J. Petty

\_\_\_\_

8 REPORT No. \_\_\_\_\_ DATE

8 March 23,2016

Photographs	
	Photo # IMG-1649
	Brief Description
	Active concrete pile - considerable soil mixed with concrete debris
	Photo # IMG-1651
A.S.	Brief Description
	West view of Concrete Rubble pile, with access trail to top of pile (see photo 1653 for view of top of pile)
	Photo # <u>IMG-1652</u>
	Brief Description
	Northwest view of active face of concrete pile processing with excavator for crushing



REPORT NO.		9					
DATE	Mar	ch 24,2	016				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS			
WIND STILL MODER.			HIGH		14 to 20		
APPROX. TEN	MP. RAN		43-	58 (W	C 42)		

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT City of Walla Walla						
INSPECTOR J. Petty						
PRIME CONTRACTOR Culbert Construction						

Ave	rage Fiel	d Work Fo	orce									
Ν	ame of Cont	ractor and/or	r Subcontractor(s)	Superinter	ndents/Foreman	Oper	ators	Laborers		Remarks		3
A.	Culbert C	onstruction		Koi	ry Ellison	2	2		1	C	Crushing C	Ops
В.	Intermour	ntain Testing		Leo	o Perales	(	)		0	Are	a 2 test to	o wet
Equipment at the Site												
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)								
			Equi	pment - ID No, ar	nd Description				Opr	Stdby	Down	Idle
4	1	Cat 320 Ex	cavator with buckets/	hoepack					0.5			0.5
4	2	Cat 623 F	Scraper -						2			
4	1	Cat 305 Ex	xcavator - removing ex	kisting erosion con	trol mat				P/T			
A	1	Cat D-6N	Dozer - spreading cov	er material on Are	a 2				1			
A	1	Dump Truc	ck Hauling Gravel - ha	auling 6" minus co	ncrete am/erosion con	trol mat pm			P/T			Х
Ą	1	Komatsu V	VA 320 Loader						P/T			P/T
A	1	Water Truck								Х		
A	1	Cat 615 F	Cat 615 F Water Wagon									Х
A	1	Gator							P/T			P/T
Ą	1	Cat 563 Roller							Х			
Ą	1	Crushers @	@ Concrete Pile - shut	t down part time lo	ow production P							P/T
Job	Site Visi	tors										
Time Name				Representing				Remarks				
Frank Nicholson			C	City				Area 2 test plot				
Leo Perales			h	ntermountain Testing	nountain Testing			Test Plot Compaction testing				
Erosion Control Are erosion control measures and		measures and BN	IPs: In Place	? N	o Functio		tioning adequately?		No			
Is there any evidence of discharge of pollutants into surface				ants into surface w	vaters or storm system	? containe	d on site	e Photos Tak			en? # 1656 to 1684	
Traffic Control Photos			Photos Ta	aken? yes	3	Inspector On		Site Hours				
Was Traffic control required				control required to	oday? ligh	t	From 7:00		:00	То	12:15 pm	
		Was traffic	c control according to t	the approved TC	Plan? n/a		From	From 12:45 LF To			3:30 pm - off	
		Do	all flaggers have curre	ent flagging/TCS c	ards? n/a	l	From	4:	4:00 To 4:30 - I			Root-X

PROJECT	Sudbury Landfill 5/2 Remediation
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**9 REPORT No.** 9

DATE March 24,2016

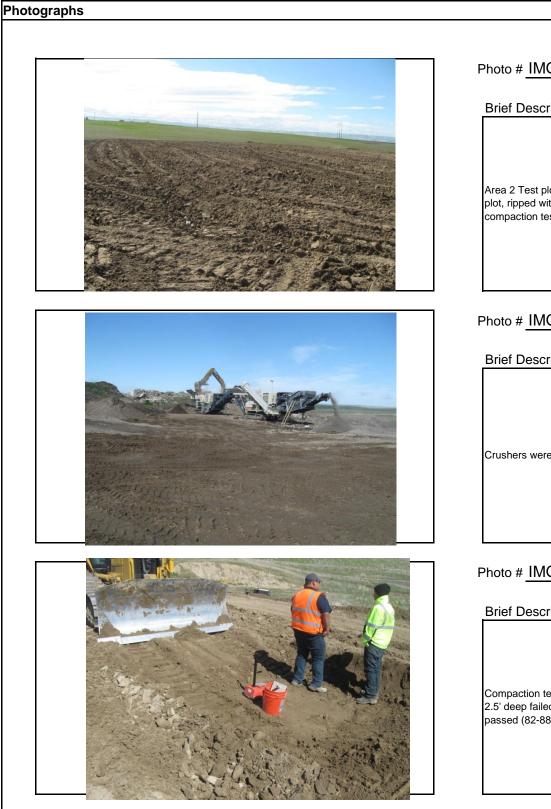
Time	orders given and received, di	cussions with contractor, and any applicable statements for the monthly estimate					
7:00	Debris and fines buildup in Crushing equ	ipment removed - crushers functioning @ 1	1:00 am				
7:00 to 3:30	2 Scrapers running from Area 5 to test plot on Area 2						
2:20 PM	Requested Intermountain testing to verify	y process compaction - Verified 82% to 88%	when pushed by D6				
	to return at 8:00 on Friday to document o	laily progress					
	Note: 0 tons 6" minus hauled on Thursday 3/24/16 for haul road stabilization						
	Note: 0 tons soid waste filter fabric hauled on Thursday 3/24/16						
			1				
eld Tests F		Location	Results				
	tion tests taken	Area 2 test plot	see attached				
Top Laye	er ripped & spread with Dozer		82-88% - Passed				
Lower la	yer under haul route 2-2.5' deep		> 90% failed				

**INSPECTOR** J. Petty

9 REPORT No. \_\_\_\_\_ DATE

9 March 24,2016

Photographs	
a se the star	Photo # IMG-1658
	Brief Description
	Area 2 Test plot - Scraper dumping in middle of test plot, made several passing dumps then ripped with D-6 Dozer
	Photo # IMG-1665
	Brief Description
	Relocating Haul road to east (higher ground) to avoid low swale (saturated & pumping)
	Photo # IMG-1666
	Brief Description
	Cat 305 Excavator removing erosion fabric from north ditch for disposal into landfill



## Photo # IMG-1669

#### **Brief Description**

Area 2 Test plot - Scraper dumped accross plot, ripped with D-6 Dozer ready for compaction testing

# Photo # IMG-1665

**Brief Description** Crushers were working off/on today

## Photo # IMG-1652

Brief Description

Compaction testing Area 2 test Plot - Tests 2-2.5' deep failed ( >90%), tests at surface passed (82-88%)



REPORT NO.		10					
DATE	Mar	ch 25,2	016				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH	11 to 22			
APPROX. TEMP. RANGE				38-	52 (W	C 40)	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty

PRIME CONTRACTOR Culbert Construction

Ave	rage Fiel	d Work Fo	orce									
Ν	Name of Contractor and/or Subcontractor(s) Superin				ndents/Foreman	Oper	ators	Laborers		Remarks		3
A.	Culbert C	onstruction		Ko	ry Ellison	2	2		1	(	Crushing C	Dps
В.	Intermour	ntain Testing		Le	o Perales		1		0	Are	ea 2 testin	g am
Equ	ipment a	t the Site										
	Opera	ating Contrac	ctor's ID (A - E, see at	oove)								
			Equ	ipment - ID No, a	nd Description				Opr	Stdby	Down	Idle
ł	1	Cat 320 Ex	xcavator with bucket/t	numb - processing	g/sorting concrete/soil				1			
Ą	2	Cat 623 F	Scraper -						2	Ĩ		
Ą	1	Cat 305 Ex	xcavator - removing e	xisting erosion cor	ntrol mat				P/T			
4	1	Cat D-6N I	Dozer - spreading cov	er material on Are	a 2				1			
4	1	Dump True	ck not Hauling									Х
Ą	1	Komatsu V	VA 320 Loader						P/T			P/T
4	1	Water True	ck									Х
Ą	1	Cat 615 F	Water Wagon									Х
A	1	Gator							P/T			P/T
4	1	Cat 938G	Loader						P/T			P/T
4	1	Crushers (	@ Concrete Pile - shu	t down part time lo	w production				P/T			P/T
Job	Site Visi	tors								·		
	Time		Name		Representing			Remarks				
	Frank Nicholson		(	City				Erosion Control North Ditch				
	Leo Perales				Intermountain testing			after 9 am				
Erosion Control Are erosion control measures and		measures and BI	MPs: In Plac	In Place? No Funct		Funct	ioning ad	equately?	1	٥N		
Is there any evidence of discharge of pollutants into surface			ants into surface v	waters or storm syster	em? contained on site			Photo	s Taken?	# 1685	to 1699	
Traffic Control Photos			Photos T	aken? yes - '	en? yes - 1693 Inspector On			Site He	ours			
Was Traffic control required				control required t	oday? ligi	nt	From 7		7:00 To		11:00 am	
		Was traffic	c control according to	the approved TC	Plan? n/a	<b>n/a</b> From 11:00			Root-X	To 1:00 pm - l		om - LF
		Do	all flaggers have curre	ent flagging/TCS of	ards? n/a	a	From	1:00	0 pm	То	4:30 -	LF - off

PROJECT	Sudbury Landfill 5/2 Remediation	
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**10 REPORT No.** 10 DATE March 25,2016

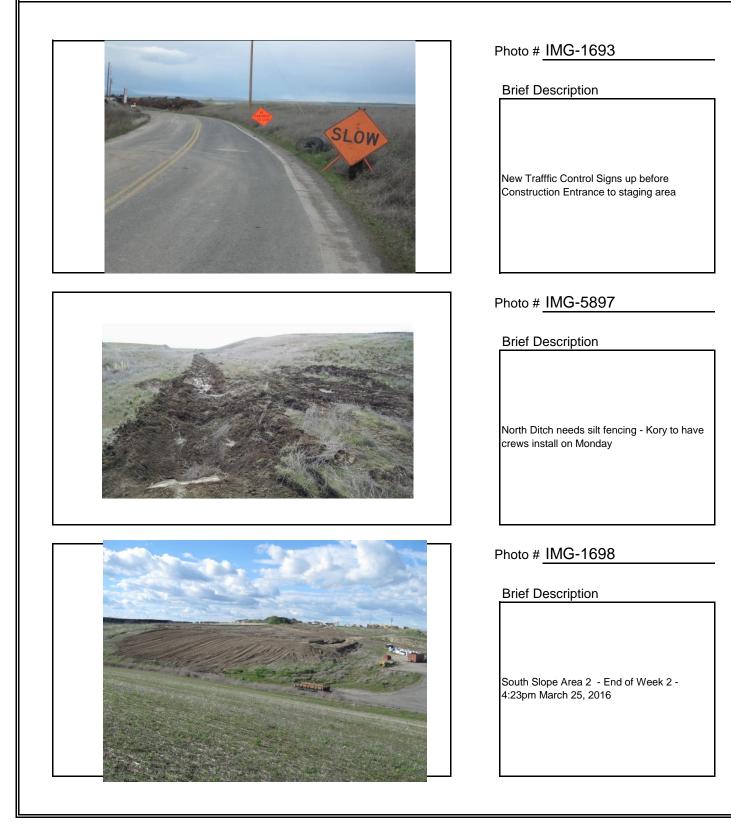
General Obse	ervations and Discussions Including	out not limited to: a report of the day's operations, tir	ne log (if applicable),					
Time	orders given and received, d	scussions with contractor, and any applicable state	ments for the monthly estimate.					
7:00	7:00 Debris and fines buildup in Crushing equipment removed - crushers functioning @ 11:00 am							
7:00 to 3:30	2 Scrapers running from Area 5 to test p	lot on Area 2						
		o verify process compaction - on South fill slo						
	Tests on south slope fill were between 82 -88 % with pushing material downslope from top berm hauled by scrapers							
	Note: 0 tons 6" minus hauled on Friday 3/25/16 for haul road stabilization							
	Note: 0 tons solid waste filter fabric hauled on Friday 3/25/16							
Field Tests Performed		Location	Results					
compaction tests on south Area 2 fill slope		South Area 2 fill slope	82 to 88 % - passed					
Copies Sent	Го							

**INSPECTOR** J. Petty

10 REPORT No. \_\_\_\_\_ DATE 10 March 25,2016

Photographs	
	Photo # IMG-1686
	Brief Description
	Scrapers dumping load on haul road then d-6 Dozer pushes cover downhill in 12-18" lifts - Compaction 82-88% = passing
	Photo # IMG-1688
	Brief Description
	Modern Machinery working on crushers didn't function most of day and Saturday.
	Photo # IMG-1689
	Brief Description
	Erosion Control @ Construction Entrance reviewed detail with Kory - will address Monday

# Photographs





REPORT NO.		11					
DATE	Mar	ch 28,2	016				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH	5 to 8			
APPROX. TEMP. RANGE				35-	50 (W	C 42)	

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

N	ame of Con	tractor and/or	Subcontractor(s)	Superinte	ndents/Foreman	Ope	rators	Laborers		Remarks		s
A.	Culbert C	Construction		Ko	ry Ellison		2		1	C	Crushing C	Ops
В.	Intermou	ntain Testing		Le	o Perales		1		0	Are	ea 2 testin	ig am
Equ	ipment a	at the Site										
	Oper	rating Contracto	or's ID (A - E, see ab	ove)								
			Equi	oment - ID No, ar	nd Description				Opr	Stdby	Down	Idle
١	1	Cat 320 Exc	avator with bucket/th	umb - processing	/sorting concrete/soil				1			
٩	2	Cat 623 F S	craper - All 3 hauling	g from 5 to 2					3			
٩	1	Cat 305 Exc	avator - removing ex	isting erosion cor	ntrol mat - sorting @ c	oncrete pile			1			
Ą	1	Cat D-6N Do	ozer - spreading cove	er material on Are	a 2				1			
Ą	1	Dump Truck	not Hauling									Х
ł	1	Komatsu W	A 320 Loader						1			
Ą	1	Komatsu GE	0 655 Grader						1			Х
Ą	1	Cat 615 F W	/ater Wagon									Х
ł	1	Gator							P/T			P/T
ł	1	Cat 938G Lo	oader @ crusher pro	cessing/sorting m	aterial/ am north ditch	cleanup			1			
4	2	Crushers @	Concrete Pile - shut	down part time lo	w production				Full			
Job	Site Vis	itors										
	Time		Name		Representing			Remarks				
	11:30	Frank Nicho	lson	C	City				crushing/Area 2 compaction			
		Leo Perales		I	ntermountain testing				after 9 a	m		
Erosion Control Are erosion control measures and		measures and BN	/IPs: In Place	s: In Place? No Fur		Functi	nctioning adequately?		No			
	Is there	any evidence c	of discharge of polluta	ants into surface v	vaters or storm system	n? contain	ed on site		Photo	s Taken?	# 1700	) to 1724
Traffic Control Photos			Photos Ta	Taken? yes - 1693 Inspector O			tor On	On Site Hours				
Was Traffic control require				control required to	oday? ligh	nt	From 7		7:00 To		11:00 am	
		Was traffic of	control according to t	he approved TC	Plan? n/a	9	From	11:45	Root-X	To 1:00 pm -		pm - LF
		Do al	I flaggers have curre	nt flagging/TCS c	ards? n/a	a	From	1:00	) pm	То	3:30-S	C-5:00-0

PROJECT	Sudbury Landfill 5/2 Remediation	11 REPOR	T No.	11

DATE

March 28,2016

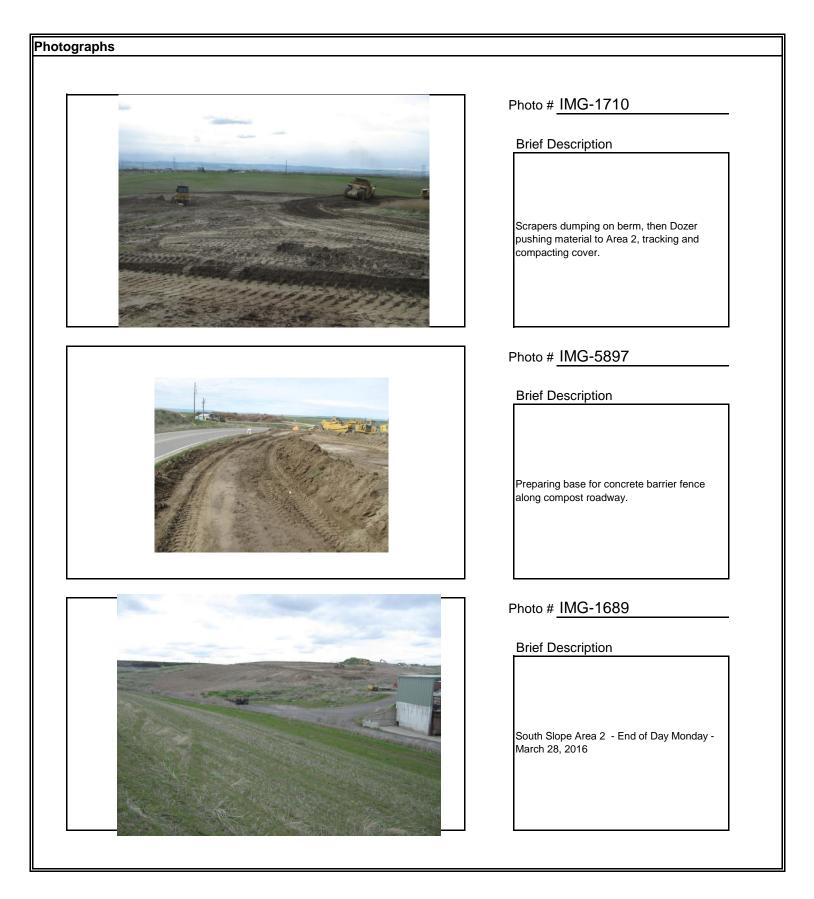
00 to 3:30 3 Scrapers running fro Requested Intermount Tests on south slope f Base of concrete barri Cat 312 excavator bro Silt fencing placed on Note: 0 tons	m Area 5 to test p ain testing in am ill were between 8 er fence along so ke down again ea west culvert of No s 6" minus hauled	quipment removed - crushers functioning @ 7:0 plot on Area 2 to verify process compaction - on South fill slop 82 -88 % with pushing material downslope from buth boundary of Area 5 leveled and compacted arly am - used 305 Exc to pre-sort concrete in p orth Ditch - inlet and outlet (Photos # 1706 & 17 d on Monday 3/28/16 for haul road stabilization fabric hauled on Monday 3/28/16	be n top berm hauled by scrapers d placed a few barriers east to west bile
Requested Intermount Tests on south slope f Base of concrete barri Cat 312 excavator bro Silt fencing placed on Note: 0 tons	ain testing in am ill were between t er fence along so ke down again ea west culvert of No s 6" minus hauled	to verify process compaction - on South fill slop 82 -88 % with pushing material downslope from buth boundary of Area 5 leveled and compacted arly am - used 305 Exc to pre-sort concrete in p orth Ditch - inlet and outlet (Photos # 1706 & 17 d on Monday 3/28/16 for haul road stabilization	n top berm hauled by scrapers d placed a few barriers east to west bile 707)
Tests on south slope f         Base of concrete barri         Cat 312 excavator bro         Silt fencing placed on         Note: 0 tons	er fence along so ke down again ea west culvert of No s 6" minus hauled	82 -88 % with pushing material downslope from buth boundary of Area 5 leveled and compacted arly am - used 305 Exc to pre-sort concrete in p orth Ditch - inlet and outlet (Photos # 1706 & 17 d on Monday 3/28/16 for haul road stabilization	n top berm hauled by scrapers d placed a few barriers east to west bile 707)
Base of concrete barri Cat 312 excavator bro Silt fencing placed on Note: 0 tons	er fence along so ke down again ea west culvert of No s 6" minus hauled	buth boundary of Area 5 leveled and compacted arly am - used 305 Exc to pre-sort concrete in p orth Ditch - inlet and outlet (Photos # 1706 & 17 d on Monday 3/28/16 for haul road stabilization	d placed a few barriers east to west bile 707)
Cat 312 excavator bro Silt fencing placed on Note: 0 tons	ke down again ea west culvert of No s 6" minus hauled	arly am - used 305 Exc to pre-sort concrete in p orth Ditch - inlet and outlet (Photos # 1706 & 17 d on Monday 3/28/16 for haul road stabilization	oile 707)
Silt fencing placed on Note: 0 tons	west culvert of No s 6" minus hauled	orth Ditch - inlet and outlet (Photos # 1706 & 17 d on Monday 3/28/16 for haul road stabilization	707)
Note: 0 ton:	s 6" minus hauled	d on Monday 3/28/16 for haul road stabilization	
		-	
Note: 0 tons	solid waste filter	fabric hauled on Monday 3/28/16	
Id Tests Performed		Location	Results
compaction tests on south Area 2	fill slope	South Area 2 fill slope	82 to 88 % - passed

**INSPECTOR** J. Petty

PAGE 2 OF 4 PAGES

11 REPORT No. \_\_\_\_\_ DATE 11 March 28,2016

Photographs	
	Bhoto # IMC-1700
	Photo # <u>IMG-1700</u> Brief Description
	Software re-booted screens cleaned on Friday/Saturday. Crushers running most of day, still having minor problems with fabric plugging screens.
	Photo # IMG-1702
	Brief Description
	Improved reject material screening - Loader hauling soil waste to area south of shed.
	Photo # IMG-17
	Brief Description
	Erosion Control @ inlet of west end of North Ditch to trap silt from leaving site.





REPORT NO.		12					
DATE	0	3/29/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	39 -	·62 (W	′C 55)				

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

Ave	rage Fiel	d Work Fo	orce										
Ν	Name of Contractor and/or Subcontractor(s) Superint					ntendents/Foreman Operato			ators Labo			Remarks	
A.	Culbert C	onstruction		Ko	ory Ellison		2	2		1	0	Crushing C	Ops
В.	Intermour	ntain Testing		Le	eo Perales		1			0	Are	ea 2 testin	g am
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Descripti	on				Opr	Stdby	Down	Idle
	1	Cat 320 Ex	cavator with bucket/th	numb - processing	g/sorting cor	crete/soil				1			
•	2	Cat 623 F	Scraper - All 3 hauling	g from 5 to 2						3			
١	1	Cat 305 Ex	cavator - sorting @ c	oncrete pile						1			
١	1	Cat D-6N	Dozer - spreading cov	er material on Are	ea 2					1			
١	1	Dump Truc	ck Hauling 2" Minus C	rushed Concrete				1					
١	1	Komatsu V	VA 320 Loader							1			
١	1	Komatsu G	GD 655 Grader							1			
١	1	Cat 615 F	Water Wagon										Х
١	1	Gator								P/T			P/T
١	1	Cat 938G Loader sorting material/						1					
١.	2	Crushers @	② Concrete Pile - Goo	d Production Day	/					2			
lob	Site Visi	tors											
	Time		Name		Representing				Remarks				
	11:30	Frank Nich	nolson		City					crushing/Area 2 compaction			
	9:00 +	Leo Perale	es		Intermountain testing				after 9 am				
Ero	sion Con	trol	Are erosion control	measures and Bl	MPs:	In Place? No		0	Functioning adequate		equately?	tely? No	
	Is there a	any evidence	of discharge of pollut	ants into surface	waters or sto	orm system?	containe	d on site		Photo	s Taken?	# 1725	to 1739
<b>Fraf</b>	ffic Contr	ol		Photos T	Taken? yes - 1693 Inspector			tor On	r On Site Hours				
			Was Traffic	control required t	today?	' light		From 7:		7:00 To		11:0	)0 am
		Was traffic	control according to t	the approved TC	Plan?	n/a		From	11:00 Root-X		То	12:30 p	om - OFI
		Do	all flaggers have curre	ent flagging/TCS of	cards?	n/a		From	1:00	) pm	То	4:0	00-off

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation <b>12 REPORT No.</b> 12	
---	--

DATE

03/29/16

Time	orders given and re-	ceived, discussions with contractor, and any applicabl	le statements for the monthly estimate.					
7:00	Crushing equipment functioning	@ 7:00 am for most of Day						
2:00 to 3:30	3 Scrapers running from Area 5	to test plot on Area 2						
	Intermountain Testing Fill Slope	and som spot checks some > 90% - 85% at toe	e of South slope					
	Not coming back until D8 Doze	r has ripped and process 4 ft lift of cover - prool	bably Friday					
	800 LF of Concrete barrier fence	e along south boundary of Area 5 east to west @	2 end of Day					
	Cat 312 excavator broke down all day - used 305 Exc to pre-sort concrete in pile							
	North Haul road is receiving 2" Minus Gravel course most of day							
	Note: 293.85 tons 6" minus hauled on Tuesday 3/29/16 for haul road stabilization							
	Note: 0 tons solid waste filter fabric hauled on Monday 3/28/16							
eld Tests P	erformed	Location	Results					
None wai	ting for D8							

INSPECTOR J. Petty

12 REPORT No. DATE

12 03/29/16

graphs	
	Photo # IMG-1725 Brief Description
	Hauling Gravel to cover North Haul Road
	Photo # IMG-1727
	Brief Description
	Intermountain Testing the compaction of fill on south fill slope break > 90% - 85% at Toe of slope
	Photo # IMG-1729
	Brief Description
	Several loads with organics dumped today, will try to blend over larger area of cover to mix it with existing material

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#### Photographs





Photo # IMG-1732

#### **Brief Description**

Concrete Barrier installed along south boundary of Area 5 per plan (800LF +/-)

## Photo # IMG-1737

**Brief Description** 

Scraper dumping/tracking and Dozer spreading on Area 2 - New test plot over entire site will rip and Track with D8 later

Photo # IMG-1739

**Brief Description** 

Haul road by compost area - Dusty will get water system in place first thing Wednesday morning.



REPORT NO.		13					
DATE	0	3/30/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		4 to 7		
APPROX. TEI		37 -	·63 (W	/C 49)			

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

Aver	age Fiel	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superinter				endents/Foreman Operator			ators Labo		oorers		Remarks		
Α.	Culbert C	onstruction		К	ory Elliso	n	2			1	(	Crushing C	Ops
В.													
Equi	pment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see at	oove)									
			Equ	ipment - ID No,	and Des	cription				Opr	Stdby	Down	Idle
۹	1	Cat 320 Ex	cavator with bucket/t	humb - processir	ng/sorting	g concrete/soil				1			
٩	3	Cat 623 F	Scraper - All 3 haulin	g from 5 to 2						3			
4	1	Cat 305 Ex	xcavator - sorting @ c	oncrete pile						1			
Ą	1	Cat D-6N	Dozer - spreading cov	er material on Ar	ea 2					1			
Ą	1	Dump Truc	ck Hauling 2" Minus C	)					1				
Ą	1	Komatsu V	VA 320 Loader						1				
Ą	1	Komatsu GD 655 Grader								1			
A	1	JD 245 excavator - sorting Concrete								1			
Ą	1	Gator								P/T			P/T
A	1	Cat 938G	Loader sorting materia	al/						1			
A	2	Crushers @	@ Concrete Pile - Goo	od Production Da	y					2			
Job	Site Visi	tors											
	Time		Name		Representing				Remarks				
1(	0:00 AM	Craig Schv	wyn		Schwyn Environmental				Site Visit for Const Meeting				
1 <sup>.</sup>	1:00 AM		eve CKory E // Dave // Craig S. & Alex F. //			Culbert Construction// City of Walla Walla// Schwyn Env. & J-U-B // MHGC			Weekly Construction Meeting (see minutes)		g		
Eros	ion Con	trol	Are erosion control	measures and E	BMPs: In Place?		Const E	ntrance	Funct	ioning ad	equately?	No	
	Is there a	any evidence	of discharge of pollut	ants into surface	waters of	or storm system?	n system? contained on site			Photos Taken?		# 1740	) to 1765
Traff	ic Contr	ol		Photos	Taken? no In:		Inspector On Site H		Site He	ours			
			Was Traffic	control required	today?	? light From		From	From 7:00		То	1:3	0 pm
		Was traffic	c control according to	the approved TC	Plan?	n/a		From	2:00	) PM	То	3:30 pm-	to SC filin
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	3:30 p	m S.C.	То	5:0	00-off

PROJECT Sudb	oury Landfill 5/2 Remediation	13 RE	PORT No.	13	
--------------	-------------------------------	-------	----------	----	--

DATE

03/30/16

0 to 3:30 3	Scrapers running from Area 5 to Culbert to propose alternative met IMT Not coming back until D8 Do	7:00 am for most of Day - JD 245 Exc on site test plot on Area 2 thod to obtain 82-88 % compaction for area 2 ozer has ripped and process 4 ft lift of cover - 1	covedr				
10:44	Culbert to propose alternative met IMT Not coming back until D8 Do	thod to obtain 82-88 % compaction for area 2					
10:44 \$	IMT Not coming back until D8 Do						
10:44 \$		ozer has ripped and process 4 ft lift of cover -	proobably Friday				
	Scapers Hauling close to well nea						
		r SW corner of Compost Area (see photos 17	54-1756) Craig expressed concern				
	Cat 312 excavator broke down all	day - used JD 305 Exc to pre-sort concrete in	n pile				
	" Minus Hauled to water tank are	a to stabilize soft spot					
	Note: 346.32 tons 2" m	inus hauled on Wednesday 3/30/16 for haul re	oad top course				
	Note: 56.01 tons 6" mir	nus hauled on Wednesday 3/30/16 for haul roa	hauled on Wednesday 3/30/16 for haul road stabilization				
	Note: 0 tons solid waste	e filter fabric hauled on Monday 3/28/16					
eld Tests Per	formed	Location	Results				
None waiting for D8							

INSPECTOR J. Petty

\_\_\_\_ 13 REPORT No.\_\_ DATE 13 03/30/16

Photographs	
the second se	Photo # <u>IMG-1740</u>
	Brief Description
	D-6 dozer processing cover material from scrapers on Area 2 (am) - Culbert to propose new compaction alternative at Wkly Meeting
	Photo # IMG-1746
	Brief Description
	Westerly end of barrier by haul road
	Photo # IMG-1729
	Brief Description
	Ecology Blocks Delivered

#### Photographs



## Photo # IMG-1747

#### **Brief Description**

Crusher processing 6" minus for soft spots in Haul road

# Photo # IMG-1737

**Brief Description** 

Scraper hauling on southwesterly haul road close to well

# Photo # IMG-1739

Brief Description

Haul road by water tank 6" minus crushed used to stabilize base, wet and soft

## Photographs

	Photo # IMG-1760 Brief Description
	HDPE Pipe delivered pm
	Photo # IMG-1726
	Brief Description
PF-3408 ΔWWA C-906 PC 100 PE4710 ΔSTM F-714 PF	8" HDPE pipe
	Photo # IMG-1729
	Brief Description
SDR 1 7 ASTM F714 PE 4710 445574C RWWA C306 = 3 <i>JM EAGLE 4" IPS SDR 1 7 ASTM F714 PE 4710 445574C AW</i>	4" HDPE pipe delivered



REPORT NO. 14							
DATE	0	3/31/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		3 to 4		
APPROX. TEI		46 -	69 (W	/C 69)			

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

Ave	rage Fiel	d Work Fe	orce											
Ν	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Laborers		Remarks		S	
Α.	Culbert C	onstruction Kory Ellison 9								2 Crushing Op		Ops		
В.	B. MHGH - Equipment on Site Chance Chacon									0 HDPE			pipe delv'd 3-30-16	
Equ	ipment a	t the Site												
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)										
Equipment - ID No, and Description									Opr	Stdby	Down	Idle		
A	1	Cat 320 Ex	xcavator with bucket/th	numb - processir	ng/sortin	g concrete/soil				1				
A	3	Cat 623 F	Scraper - All 3 hauling	g from 5 to 2						3				
A	1	Cat 305 Ex	xcavator - sorting @ c	oncrete pile						1				
A	1	Cat D-6N I	Dozer - spreading cov	er material on Ar	ea 2					1				
A	1	Cat D-8 Do	ozer - Delivered to site	e 3:27 pm						0-Jan			Х	
A	1	Dump True	ck Hauling 2" Minus C	rushed Concrete	•					1				
A	1	Komatsu V	Komatsu WA 320 Loader							1				
A	1	Komatsu GD 655 Grader							1					
A	1	JD 245 excavator - sorting Concrete							1					
A	1	Gator							P/T			P/T		
A	1	Cat 938G	Loader sorting materia	al/						1				
A	2	Crushers (	@ Concrete Pile - Goo	d Production Da	у					2				
Job	Site Visi	tors												
	Time		Name			Representing			Remarks					
	10:00 AM	Frank Nicholson / Alex Fezzari J-U-B City				Observ'd Waste in upper cut Area 5								
			<u> </u>							<u> </u>				
Erosion Control         Are erosion control measures and BMPs:			In Place?		Entrance Functioning adequ									
Is there any evidence of discharge of pollutants into surface waters Traffic Control Photos Taken?					·	containe				# 1766	6 to 1790			
Iral	nic Contr	01	Mac Troffic	Photos		no	Inspector On				11.20 /	11:30 am to S.C		
		Was troffic		control required		light								
			c control according to t all flaggers have curre			n/a n/a		From 12:00 PM S.C From 2:30@ LF						
		D0	carus?	n/a		From	2:30	ш LГ	То	4:30	- 077			

PROJECT	Sudbury Landfill 5/2 Remediation	14 REPORT No.	14

**DATE** 03/31/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.					
7:00	Crushing equipment functioning @ 7:00 am for most of Day - JD 245 Exc on site sorting concrete					
00 to 3:30	3 Scrapers running from Area 5 to excavate to subgrade - encountered Garbage where 4.8 feet of cut still req'd to grade					
9:54	Garbage encountered 4 to 5 ft	higher than estimate Top of waste - need to a	djust elevations for final cover grade			
11:09	Called - Frank & Alex on site to	o verify/quantify the area where garbage level i	s above sugrade			
	Culbert to coordinate with And	erson-Perry to shoot new subgrade will adjust	finish cover design grades accordingly			
	D-8 delivered ready for testing	tomorrow				
	Photo of plan view Area 5 showing approx areas where Garbage was encountered above subgrade					
	Note: 424.73 tons 2" minus hauled on Thursday 3/31/16 for haul road top course					
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization					
	Note: 0 tons solid wa	aste filter fabric hauled on Monday 3/28/16				
ld Tests P	erformed	Location	Results			
None wai	ting for D8					

INSPECTOR J. Petty

\_\_\_\_\_

14 REPORT No. DATE

14 03/31/16

1

Photographs	
	Photo # IMG-1766
E Contractioner and the contraction of the contract	Brief Description
	Encountered Garbage in cut area, still need to cut 4 to 5 ft to subgrade design grade
	Photo # IMG-1767
	Brief Description
	Alex - Frank & Kory inspecting layer of garbage. Grey soil indicator of methane seeping into cover material.
	Photo # IMG-1768
	Brief Description
	Easterly view of future gas main (red flag on stakes) over area where garbage encountered in cut area.

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#### Photographs







Photo # IMG-1772

## **Brief Description**

SW view of SW corner of Area 5

# Photo # IMG-1775

**Brief Description** 

East view of SW corner Area 5 being filled to subgrade

# Photo # IMG-1776

Brief Description

Haul road by water tank 6" minus crushed used to stabilize base, with 2" minus top course.

### Photographs







Photo # IMG-1777

## **Brief Description**

Soft Spot in north haul road just west of gate to water tank (still rutting)

# Photo # IMG-1784

**Brief Description** 

East slope of Area 2 cover

Photo # IMG-1787

Brief Description

D8 with rippers delivered 3:30 pm



PROJECT	Project Name		
ENGINEER	Project Engineer		
CLIENT	City of Walla Walla		
INSPECTOR	J. Petty		
PRIME CONTRACTOR Culbert Construction			

REPORT NO.		15					
DATE	0	4/01/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		5 to 8		
APPROX. TEM	MP. RAN	IGE		44	-74 (V	VC 74)	

Ave	rage Field	d Work Fo	orce											
	-		r Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Lab	orers		Remar	ks	
A.	Culbert Co	onstruction		К	ory Ellis	on	1	0	:	2	Crushing Ops		Ops	
В.	Intermoun	tain Testing		L	eo Peral	es		l				area 2 te	sting	
Equ	ipment at	the Site												
	Opera	ting Contrac	ctor's ID (A - E, see at	oove)										
			Equ	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle	
٩	1	Cat 320 Ex	cavator with bucket/t	numb - processir	ng/sorting	g concrete/soil				1				
٩	3	Cat 623 F	Scraper - All 3 haulin	g from 5 to 2						3				
١.	1	Cat 305 Ex	cavator - sorting @ c	oncrete pile						1				
٨	1	Cat D-6N	Dozer - spreading cov	er material on Ar	rea 2					1				
٩	1	Dump Truc	ck Hauling 2" Minus C	rushed Concrete	)					1				
١	1	Komatsu V	VA 320 Loader							1				
١.	1	Komatsu G	GD 655 Grader							1				
١	1	JD 245 exc	cavator - sorting Conc	rete						1				
١	1	Gator								P/T			P/T	
١	1	Cat 938G I	Loader sorting materia	al/						1				
٨	2	Crushers @	@ Concrete Pile - Goo	d Production Da	ıy					2				
Job	Site Visit	ors												
	Time		Name			Rep	resenting				R	emarks		
1	0:00 AM	Frank Nich	nolson		City					Observ \	Naste in ι	upper cut		
1	0:20 AM	Leo Perale	S		Itermou	intain Testing				Compac	tion Tests	Area 2 te	est plot	
Eros	sion Cont	rol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?		No	
	Is there a	ny evidence	of discharge of pollut	ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	# 179	91 to 1837	
Гraf	fic Contro	ol		Photos -	Taken?	no		Inspec	tor On	Site Ho	ours			
			Was Traffic	control required	today?	light		From	7:	00	То	1	:00 pm	
		Was traffic	control according to	the approved TC	Plan?	n/a		From	1:30	) PM	То	3:3	0 pm-Off	
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То			

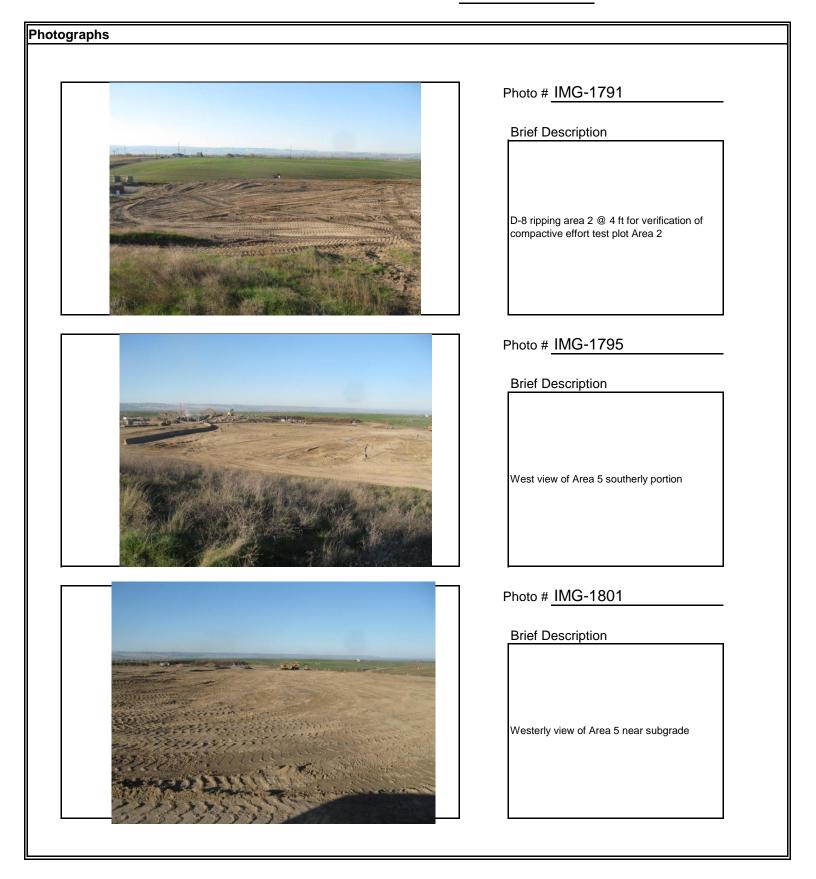
PROJECT S	Sudbury Landfill 5/2 Remediation	15	REPORT No.	15
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04/01/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00	Crushing equipment functionin	g @ 7:00 am for most of Day - JD 245 Exc on sit	te sorting concrete					
7:00 to 3:30	3 Scrapers running from Area	5 to test plot on Area 2 and SW corner of Area 5						
	Garbage encountered 4 to 5 ft	higher than estimate Top of waste - need to adju	ust elevations for final cover grade					
	Used JD 305 Exc to pre-sort co	oncrete in pile						
	2" Minus Hauled to water tank area for top course of haul road over soft spot							
	Note: 66.37 tons 2" minus hauled on Friday 4/01/16 for haul road top course							
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization							
	Note: 0 tons solid waste filter fabric hauled on Monday 3/28/16							
eld Tests F	l Performed	Location	Results					
None waiting for D8								
opies Sent								

INSPECTOR J. Petty

15 REPORT No. \_\_\_\_\_ DATE 15 04/01/16





#### Photo # IMG-1805

**Brief Description** 

Grade break of existing garbage layer, subgrade will be adjusted to be over 4 higher that garbage layer.

# Photo # IMG-1809

**Brief Description** 

Subgrade is very wet, soft and pumping withscattered garbage at finish subgrade.

# Photo # IMG-1812

Brief Description

West view of swale area finish grade near the SW corner of Agrea 5.

# Photographs







#### **Brief Description**

Test Pits Area 2 - Test Plot evaluation to determine effective compaction when using scrapers to dump cover material, then have D-8 Rip and track.

# Photo # IMG-1817

Brief Description

D-8 ripping top of Area 2 on flat portion, - D-6 is being used to track steeper slopes as D-8 was overcompacting these slopes when tracking.

#### Photo # IMG-1834

**Brief Description** 

Garbage being encountered above subgrade design elevation in SE corner of Area 5.



REPORT NO.		16					
DATE	0	4/04/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		23 to 32		
				Note: 0	.25" rai	n overn	ight
APPROX. TEM	MP. RAN	IGE		39	-58 (V	VC 42)	

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONT	CONTRACTOR Culbert Construction			

Ave	rage Fiel	d Work Fo	orce									
Ν	ame of Cont	ractor and/or	Subcontractor(s)	Superintenc	lents/Foreman	Ope	erators La		Laborers		Remarks	
A.	Culbert Co	onstruction		Kory	Ellison	1	0	:	2		Crushing	Ops
В.	A-P Surve	ey Crew sche	eduled	Did Not mal	ke it - Tuesday							
Equ	ipment a	t the Site										
	Opera	ating Contrac	ctor's ID (A - E, see ab	oove)								
			Equi	ipment - ID No, and	Description				Opr	Stdby	Down	Idle
Ą	1	Cat 320 Ex	cavator with bucket/tl	numb - processing/s	orting concrete/soil				1			
4	3	Cat 623 F	Scraper - All 3 haulin	g from 5 to 2					3			
Ą	1	Cat 305 Ex	cavator - sorting @ c	oncrete pile					1			
Ą	1	Cat D-6N [	Dozer - spreading cov	er material on Area	2				P/T			P/T
Ą	1	Dump Truc	ck Hauling 2" Minus C	rushed Concrete					1			
Ą	1	Komatsu V	VA 320 Loader						1			
A	1	Komatsu G	GD 655 Grader - Area	5					1			
A	1	JD 245 exc	cavator - sorting Conc	rete					1			
A	1	Gator							P/T			P/T
Ą	1	Cat 938G I	Loader sorting materia	al/					1			
A	2	Crushers @	② Concrete Pile - Goo	od Production Day					2			
Job	Site Visit	tors										
	Time		Name		Repi	resenting				R	emarks	
Ero	sion Cont	trol	Are erosion control	measures and BMF	Ps: In Place?	Const E	Intrance	Functi	ioning ad	equately?		No
	Is there a	any evidence	of discharge of pollut	ants into surface wa	ters or storm system?	containe	ed on site		Photo	s Taken?	# 183	38 to 1846
Traf	fic Contro	ol		Photos Tak	en? yes - signs	down	Inspec	tor On	Site He	ours		
			Was Traffic	control required tod	ay? light		From	7:	00	То	10:0	0 am S.C
		Was traffic	control according to	the approved TC PI	an? <b>n/a</b>		From	10:00	AM S.C	То	11:3	0 am-LF
		Do	all flaggers have curre	ent flagging/TCS car	ds? <b>n/a</b>		From	12: (	00 LF	То	3:30 LF	-4:30 SC-o

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	16 REPORT No.
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04/04/16

16

Time	able statements for the monthly estimate.							
7:00	Crushing equipment functioning @	2 7:00 am for most of Day -Cat 320 & JD 243	5 Exc on site sorting concrete					
7:00 to 3:30	3 Scrapers running from Area 5 ea	ast to SW corner of Area 5						
	Garbage encountered 4 to 5 ft hig	her than estimate Top of waste - in mid-east	tern part of Area 5					
	need to adjust elevations for final	cover grade finalizing subgrade in SE Corne	er to topo tomorrow am					
	D6 Dozer fine tuning Area 2 finish	a 4' cover grade and side slopes for topo ton	norrow am					
	Note: 0 tons 2" minus weighed on Friday 4/01/16- stockpiled							
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization							
	Note: 0 tons solid waste filter fabric hauled on Monday 3/28/16							
eld Tests P	erformed	Location	Results					
None wai	ting for D8							
opies Sent	Το		· · · · ·					

INSPECTOR J. Petty

16 REPORT No. \_\_\_\_\_ DATE 16 04/04/16



#### Photographs







#### Photo # IMG-1841

#### **Brief Description**

East view of SW portion of Area 5 by edge of existing pavement @ brush pile

#### Photo # IMG-1842

**Brief Description** 

East view of Area 5 just west of existing vent. Soft/Rutting needs to dry out and re-graded prior to finishing the subgrade for topo

#### Photo # IMG-1846

**Brief Description** 

NW view of NE area 5 preping subgrade for revised subgrade over garbage for topo survey tormorrow.



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

REPORT NO.		17					
DATE	0	4/05/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		3 to 8		
APPROX. TEN	MP. RAN		44	-63 (V	VC 44)		

Ave	rage Field	Work Fo	orce										
Na	ame of Contra	actor and/or	Subcontractor(s)	endents/	/Foreman	Oper	ators	Laborers		Remarks		ks	
A.	Culbert Co	nstruction		K	ory Elliso	on	1	0		2		Crushing	Ops
В.	A-P Survey	/ Crew sche	eduled	Je	remy Jor	nes	1					4 whee	ler
Equi	ipment at	the Site											
	Operat	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Deso	cription				Opr	Stdby	Down	Idle
A	1	Cat 320 Ex	cavator with bucket/tl	numb - processin	ng/sorting	g concrete/soil				1			
١	3	Cat 623 F	Scraper - All 3 haulin	g from 5 to 2						3			
٨	1	Cat 305 Ex	cavator - sorting @ c	oncrete pile (P/T)	)					P/T			P/T
4	1	Cat D-6N	Dozer - spreading cov	er material on Ar	rea 2					1			
ł	1	Cat D-8 Do	ozer - Not Used today										Х
ł	1	Dump Truc	ck Hauling 2" Minus C	rushed Concrete	e - 18 Lo	ads				1			
Ą	1	Komatsu V	VA 320 Loader							1			
4	1	Komatsu G	GD 655 Grader							1			
Ą	1	JD 245 excavator - sorting Concrete 1											
4	1	Gator								P/T			P/T
4	1	Cat 938G I	Loader sorting materia	al/						1			
4	2	Crushers @	② Concrete Pile - Goo	d Production Da	y					2			
Job	Site Visit	ors											
	Time		Name			Repr	resenting				Remarks		
1	1:00 AM	DAM Frank Nicholson			City	City				Obs Const'n Progress Area2 grades			
9:2	20 to 1 pm	to 1 pm Jeremy Jones A			A-P & A	A-P & Associates				Area 5 subgrade/Area 2 top course			
Eros	sion Cont	Are erosion control measures and E		measures and B	BMPs:	In Place?	Const E	ntrance	Funct	ctioning adequately?		No	
	Is there ar	ny evidence	of discharge of pollut	ants into surface	waters of	or storm system?	containe	d on site		Photo	s Taken?	# 184	17 to 1902
Fraf	fic Contro			Photos 7	Taken?	no	Inspector On			n Site Hours			
			Was Traffic	control required	today?	light		From 7		7:00 To		1:00 pm	
		Was traffic	control according to	he approved TC	Plan?	n/a		From	1:30	) PM	То	3:00 p	m- Root - X
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	3:00 -	4:00 LF	То	4:00 S.0	C - 4:30-OF

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	17 REPORT No.
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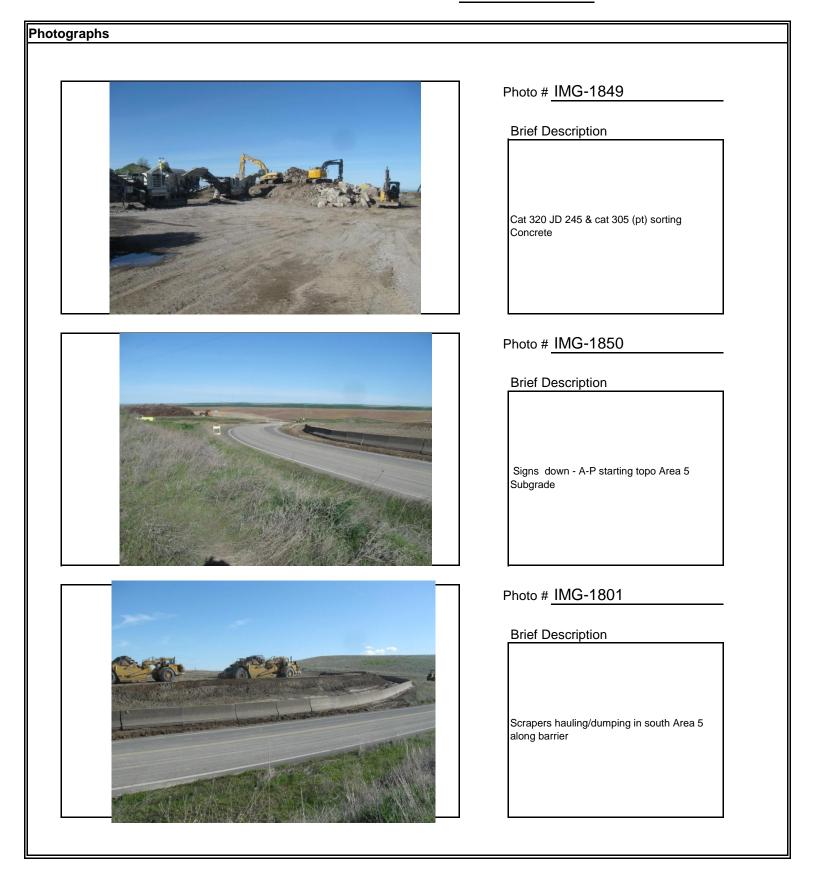
04/05/16

17

Time	orders given and	received, discussions with contractor, and any applica	ble statements for the monthly estimate.				
7:00	Crushing equipment functionin	g @ 7:00 am for most of Day - Cat 320 & JD 245	5 Exc on site sorting concrete				
7:00 to 3:30	3 Scrapers running from Area	5 to area along barrier N of Compost Rd 2 in SE	corner of Area 5				
12:38 PM	Kory was e-mailed a map show	ving area where sub-grade in area 5 was approv	red for hauling 4' top course				
3:19 pm	Storm pipe in SE corner of Are	a 2 fill slope was buried with fill will send Kory co	pordinates to uncover pipe				
	Used JD 305 Exc to pre-sort co	oncrete in pile					
	2" Minus Hauled to water tank area for top course of haul road over soft spot						
	Note: 314.87 tons 2" minus hauled on Tuesday 4/05/16 for haul road top course						
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization						
	Note: 0 tons solid waste filter fabric hauled on Monday 3/28/16						
ield Tests F	Performed	Location	Results				
	iting for D8						

INSPECTOR J. Petty

17 REPORT No. \_\_\_\_\_ DATE 17 04/05/16





# Photo # IMG-1856

#### **Brief Description**

Kory & Jeremy topoing subgrade in Area 5 for new subgrade desing to avoid garbage encountered

# Photo # IMG-1863

**Brief Description** 

Area 2 Grade check for 4' top coarse grade

# Photo # IMG-1866

Brief Description

Grade Check along South Slope Area 5

#### Photographs







Photo # IMG-1868

**Brief Description** 

Area 2 - Finish Grade rough. D8 tracks sinking into top course 6-8"??

# Photo # IMG-1890 - 3:18 pm

**Brief Description** 

Eco Block Wall along South Toe Slope Area 2

# Photo # IMG-1901 - 3:35 pm

**Brief Description** 

2" Crushed Concrete pile end of day 4-5-2016



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

REPORT NO.		18					
DATE	0	4/06/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER							
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		3 to 7		l
_				-			
APPROX. TEM	APPROX. TEMP. RANGE				-73 (V	VC 74)	

Ave	rage Fiel	d Work Fo	orce										
Na	ame of Cont	ractor and/or	Subcontractor(s)	endents/Fo	reman	Opera	ators	Lab	orers	Remarks		ks	
A.	Culbert Co	onstruction		K	ory Ellison		1(	C		2		Crushing	Ops
Equ	ipment a	t the Site											
	Opera	ating Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Descrip	otion				Opr	Stdby	Down	Idle
۱.	1	Cat 320 Ex	cavator with bucket/tl	numb - processir	ng/sorting co	oncrete/soil				1			
	3	Cat 623 F \$	Scraper - All 3 haulin	g from 5 to 2						3			
	1	Cat 305 Ex	cavator - sorting @ c	oncrete pile						1			
۱	1	Cat D-6N E	Dozer - spreading cov	er material on Ar	rea 2					1			
١	1	Dump Truc	k Hauling 2" Minus C	rushed Concrete	9					1			
١	1	Komatsu W	VA 320 Loader							1			
١	1	Komatsu G	Komatsu GD 655 Grader 1										
١	1	JD 245 excavator - sorting Concrete - Hauled away late pm 1											
١	1	Gator	Gator P/T P/T										
١	1	Cat 938G L	Cat 938G Loader sorting material/										
١.	2	Crushers @ Concrete Pile - Good Production Day 2											
lob	Site Visit	tors											
	Time		Name			Repr	esenting				Remarks		
1	1:00 AM	Frank Nich	olson		City		(			Observ Waste in upper cut			
	Joel. P.	Dave J, Da	Dave J, Damon T. / Alex F. / Craig S. Kory E. City - JUB - Schwyn Env - Culbert Const				Weekly r	ntg see n	ninutes				
Eros	sion Con	trol	Are erosion control	e erosion control measures and BMPs: In Place? Const Entrance Functioning adequate				equately?		No			
	Is there a	any evidence	of discharge of pollut	ants into surface	waters or s	storm system?	containe	d on site		Photo	s Taken?	# 190	03 to 1910
Traffic Control Photos Taken				Taken?	no	Inspector On			n Site Hours				
			Was Traffic	control required	today?	light	From 7		7:00 To		1:00 pm		
		Was traffic	control according to	he approved TC	Plan?	n/a		From 1:30 PM			To 3:30 pm-Off		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

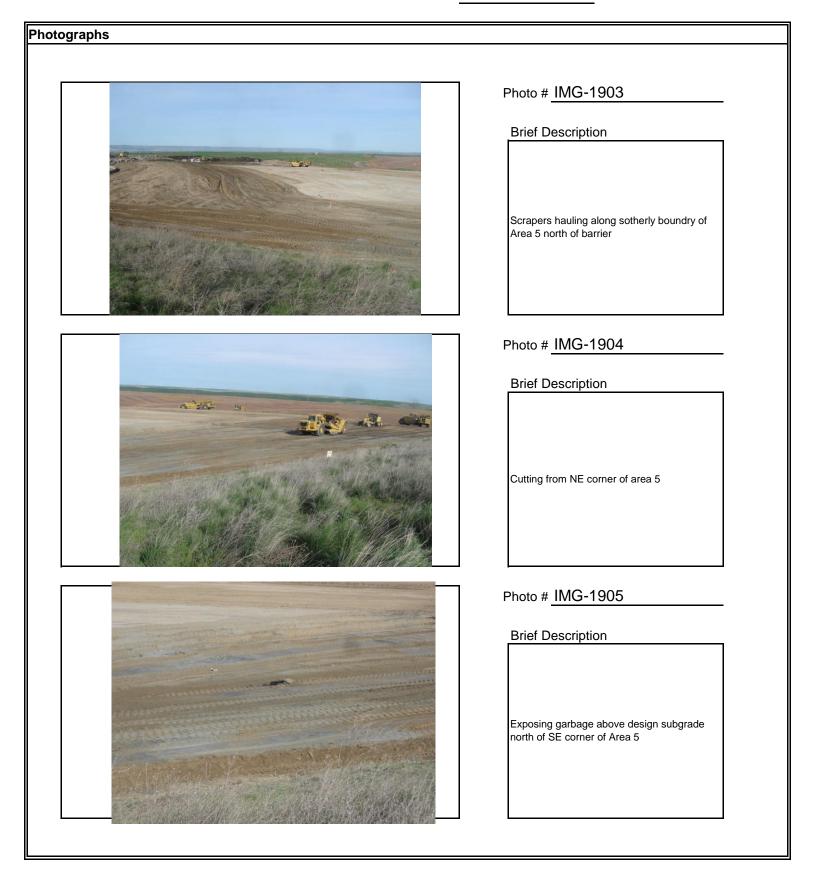
<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	18 REPORT No.	18	
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04/06/16

Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate								
7:00	Crushing equipment functionin	g @ 7:00 am for most of Day - JD 245 Exc on sit	e sorting concrete					
7:00 to 3:30	3 Scrapers running P/T from A	rea 5 to test plot on Area 2 and mostly to SW co	rner of Area 5					
	Started to run into garbage in s	subgrade Area 5 above finish subgrade						
	Used JD 305 ExcP/T to pre-so	ort & process oncrete in pile						
	2" Minus Hauled to water tank area for top course of haul road over soft spot							
	Note: 404.58 tons 2" minus hauled on Friday 4/06/16 for haul road top course							
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization							
	Note: 0 tons solid waste filter fabric hauled on Monday 3/28/16							
eld Tests F	Performed	Location	Results					
None waiting for D8								

INSPECTOR J. Petty

18 REPORT No. \_\_\_\_\_ DATE 18 04/06/16





# Photo # IMG-1906

#### **Brief Description**

West view Southerly portion of Area 5

# Photo # IMG-1907

**Brief Description** 

West view Northerly portion of Area 5

# Photo # IMG-1908

Brief Description

Cut bank along east Area 5/ West Area 6 boundary

Photo # <u>IMG-1909</u>
 Brief Description
Grader Ripping subgrade for scrapers to load. Monitoring wells in center of photo between tree and grader
Photo # <u>IMG-1910</u>
Brief Description
Grader ripping subgrade along north slope to check for garbage depth loosen subgrad for scrappers
Photo #
Brief Description



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

REPORT NO.		19						
DATE	0	4/07/16	6					
DAY	S	М	Т	W	TH	F	S	
							1	
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW		
WIND	STILL	MODER.	HIGH					
APPROX. TEM	MP. RAN	IGE		40	-77 (V	VC 74)		

Ave	rage Fiel	d Work Fo	orce		-								
	-		Subcontractor(s)	Superint	endents	s/Foreman	Oper	ators	Lab	orers		Remar	ks
A.	Culbert Co	onstruction		К	ory Ellis	son	1	0	:	2	Crushing Ops		
В.													
Equi	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see at	oove)									
			Equ	ipment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle
4	1	Cat 320 Ex	cavator with bucket/t	numb - processir	ng/sortin	ng concrete/soil				1			
4	3	Cat 623 F	Scraper - All 3 haulin	g from 5 to 2						3			
4	1	Cat 305 Ex	Cat 305 Excavator - sorting @ concrete pile/ Const Entrance P/T P/									P/T	
4	1	Cat D-6N	Dozer - spreading cov	er material on Ar	ea 2 rip	ping subgrade Are	ea 5			1			
Ą	1	Dump Truc	ck Hauling 2" Minus C	rushed Concrete	•					1			
4	1	Komatsu V	VA 320 Loader							1			
4	1	Komatsu G	GD 655 Grader - Fine	Grading Area 5						1			
4	1	JD 245 exc	cavator gone - Hitachi	450 on site sorti	ng Con	crete				1			
4	1	Gator								P/T			P/T
4	1	Cat 938G I	Loader sorting 2" min	us material						1			
4	2	Crushers @	② Concrete Pile - Goo	od Production Da	у					2			
Job	Site Visit	tors : WE	EKLY CONSTRU	ICTION MTG									
	Time		Name			Rep	resenting				R	emarks	
Eros	sion Cont	trol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes	/ 4-7-16
	Is there a	any evidence	of discharge of pollut	ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	# 19	1 to 1953
Traf	fic Contro	ol		Photos -	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From 7		:00 To		1:00 pm	
		Was traffic	control according to	the approved TC	Plan?	n/a		From	From 1:00 PM CIPP To		2:30 pm	2:30 pm-CIPP to LF	
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:30	) LF	То	4:0	0 - OFF

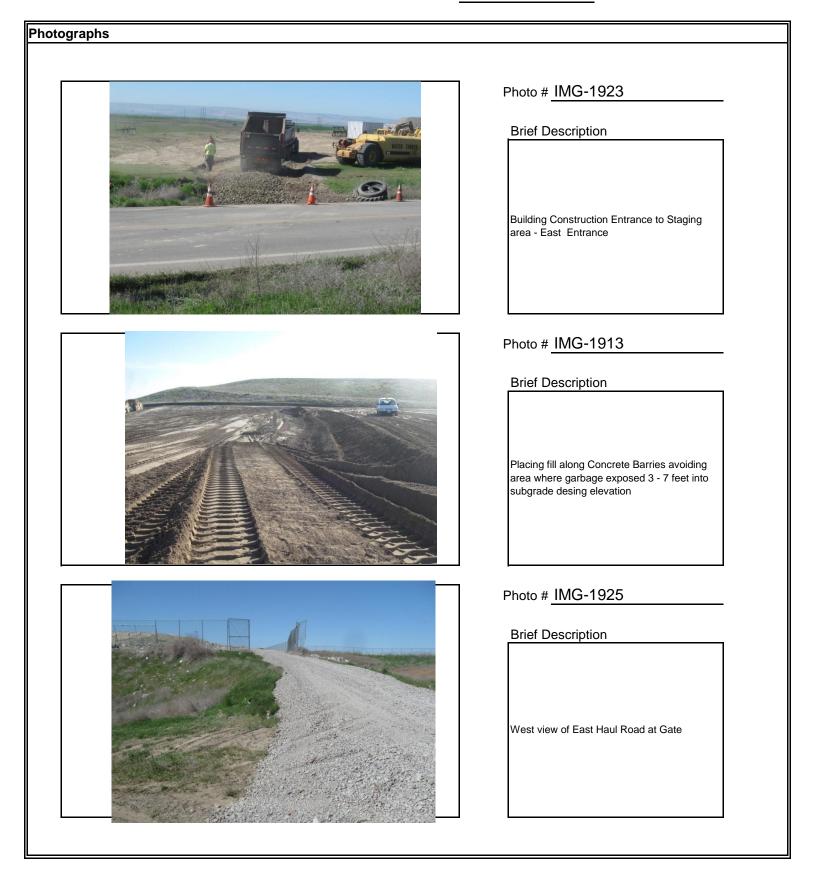
PROJECT         Sudbury Landfill 5/2 Remediation         19 RE	<b>PORT No.</b> 19
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04/07/16

Time	orders given and	received, discussions with contractor, and any applica	able statements for the monthly estimate.						
7:00		g @ 7:00 am for most of Day - JD 245 Exc on si							
7:00 to 3:30	3 Scrapers running from Area	5 to test plot on Area 2 and SW corner of Area 5							
7:00 to 3:30	Working grey subgradewith rip	Working grey subgradewith ripper to verify Garbage layer depth - need to adjust elevations for final cover grade							
	Hitachi 450 new on site today sorting concrete pile								
	Used JD 305 Exc to pre-sort concrete in pile P/T								
	2" Minus Hauled to E. Haul Rd & by gate to east by B0rrow site								
	Note: 7 trucks per Kory hauled on staging area not weighed 4/07/16 for gravel top course								
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization								
	Note: 0 tons solid waste filter fabric hauled								
ield Tests P	Performed	Location	Results						
None									

INSPECTOR J. Petty

19 REPORT No. \_\_\_\_\_ DATE 19 04/07/16





#### Photo # IMG-1926

#### **Brief Description**

East view of Haul Road looking at barrow site to right

# Photo # IMG-1930

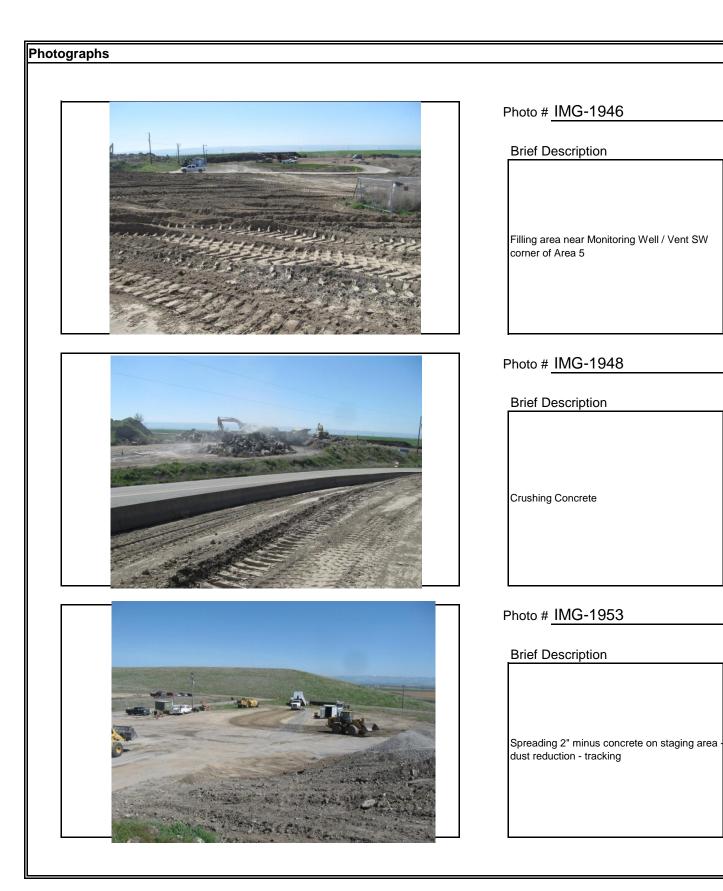
**Brief Description** 

Looking east from Water Tank Entrance to Wye in road between 7/6

# Photo # IMG-1940

Brief Description

Area 6 - NW Monitoring Wells by Area 5 Cut Bank





PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONTI	RACTOR Culbert Construction

REPORT NO.		20					
DATE	0	4/08/16	6				
DAY	S	М	Т	W	TH	F	S
			1		1		I
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		6 to 8		
APPROX. TEM	MP. RAN	IGE		47	- 80 (V	VC 75)	

Ave	rage Fiel	d Work Fo	orce										
Ν	ame of Con	tractor and/or	r Subcontractor(s)	Superint	endents/	Foreman	Opera	ators	Lab	orers		Remar	ks
A.	Culbert C	Construction		K	ory Elliso	n	1	0		2		Crushing	Ops
В.													
Equ	ipment a	t the Site											
	Oper	ating Contrac	ctor's ID (A - E, see at	oove)									
			Equ	ipment - ID No, a	and Desc	ription				Opr	Stdby	Down	Idle
L.	1	Cat 320 Ex	cavator with bucket/t	humb - processin	ng/sorting	concrete/soil				1			
L.	3	Cat 623 F	Cat 623 F Scraper - All 3 hauling from 5 to 2 3										
	1	Cat 305 Ex	Cat 305 Excavator - exposing SE area 2 PVC pipe & slit fence P/T										P/T
	1	Cat D-6N I	Cat D-6N Dozer - spreading cover material on Area 2 ripping subgrade Area 5										
١	1	Dump True	ck Hauling 2" Minus C	rushed Concrete	•					1			
	1	Komatsu V	VA 320 Loader							1			
	1	Komatsu G	GD 655 Grader - Fine	Grading Area 5						1			
	1	JD 245 exc	cavator gone - Hitachi	450 on site sorti	ng Concr	ete				1			
1	1	Gator								P/T			P/T
1	1	Cat 938G	Loader sorting 2" min	us material						1			
١.	2	Crushers (	② Concrete Pile - Goo	od Production Da	у					2			
lob	Site Visi	itors : WE	EKLY CONSTRU	ICTION MTG									
	Time		Name			Repr	resenting			Remarks			
Ero	sion Con	trol	Are erosion control	measures and B	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes	/ 4-7-16
	Is there	any evidence	of discharge of pollut	ants into surface	waters o	or storm system?	m system? contained on site			Photo	s Taken?	# 195	54 to 1969
raf	fic Contr	ol		Photos 7	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light From 7		7:	00	To 1:00		:00 pm	
		Was traffic	c control according to	the approved TC	Plan?	n/a	From 1:00 P		M CIPP	To 2:30 pm-CIPP to I			
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:30	) LF	То	4:0	0 - OFF

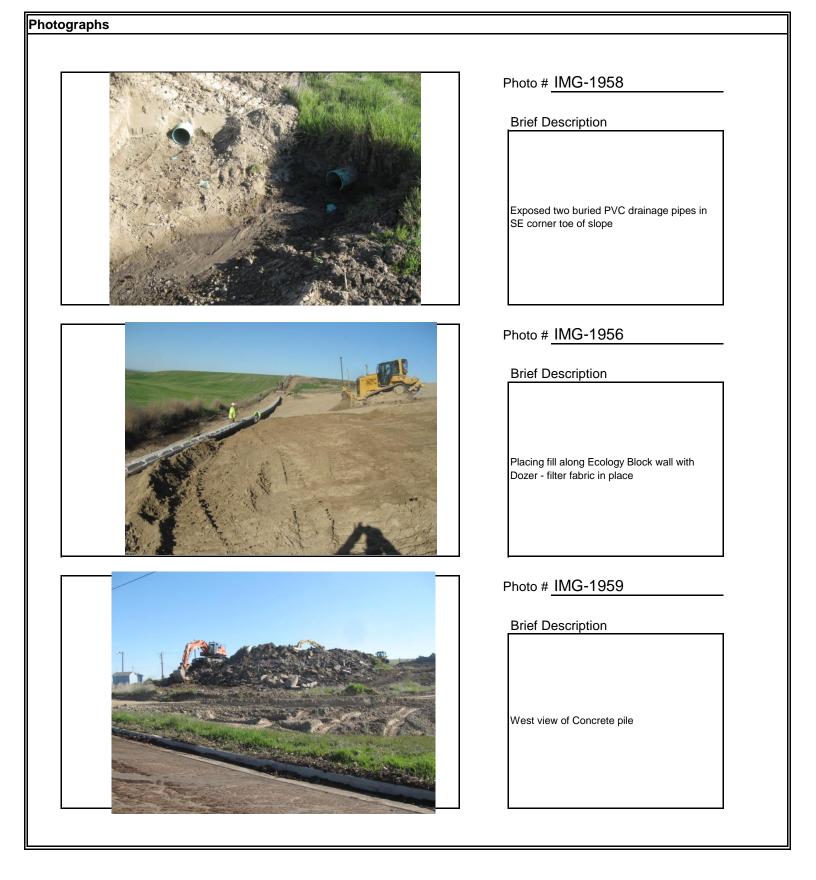
<b>PROJECT</b> Sudbury Landfill 5/2 Remediat	on 20 REPORT No.	20	
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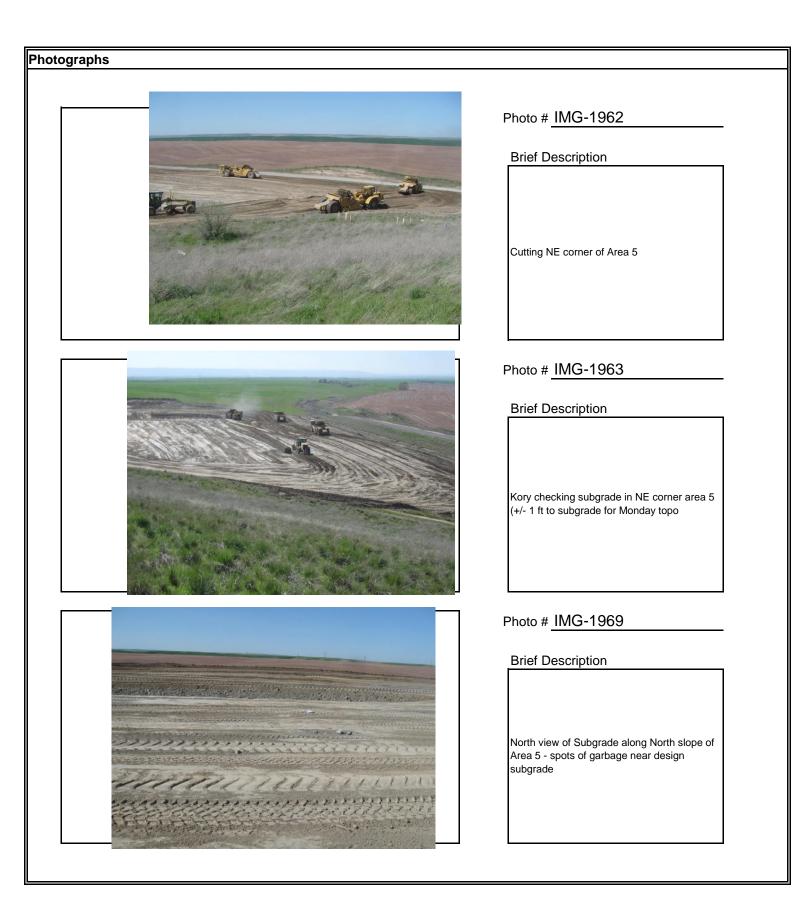
04/08/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.								
7:00	Crushing equipment functioning @ 7:00 am for most of Day - Hitachi 450 Exc on site sorting concrete with cat 320								
7:00 to 3:30	3 Scrapers running from Area 5 SW corner of Area 5								
7:00 to 3:30	Working grey subgradewith ripper	to verify Garbage layer depth - need to adju	st elevations for final cover grade						
	Hitachi 450 new on site today sorting concrete pile								
	Used Cat 305 Exc to install silt fence south Area 2 - exposed buried PVC								
	2" Minus Stockpiled								
	Note: 2" minus stockpiled/not weighed 4/08/16								
	Note: 0 tons 6" minus hauled on 3/31/16 for haul road stabilization								
	Note: 0 tons solid waste filter fabric hauled								
eld Tests P	erformed	Location	Results						
None									

INSPECTOR J. Petty

20 REPORT No. DATE 20 04/08/16





#### Photographs







#### Photo # IMG-1964

#### **Brief Description**

Angle Pt of silt fence above Monitoring Wells SW Corner of Area 2

# Photo # IMG-1965

**Brief Description** 

Keying in & backfilling silt fence SW corner of Area 2

#### Photo # IMG-1967

Brief Description

Silt Fence along south property line below ecology block wall & access road



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

REPORT NO.		21					
DATE	0	4/11/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		4 to 6		
APPROX. TEM	MP. RAN	IGE			51 - 7	3	

Ave	rage Field	d Work Fo	orce										
N	ame of Cont	ractor and/or	Subcontractor(s)	Superint	endents/	Foreman	Opera	ators	Labo	orers		Remar	ks
A.	Culbert Co	onstruction		К	ory Elliso	on	8		1		Crushing Ops		
В.	Anderson	Perry survey	/ crew	Je	remy Jor	nes	1				То	opo Surve	ey 2 & 5
C.	MHGC			Cha	ance Cha	acon	3					pipe wel	ders
Equ	ipment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see at	oove)									
			Equ	ipment - ID No, a	and Desc	cription				Opr	Stdby	Down	Idle
١	1	Cat 320 Ex	Cat 320 Excavator with bucket/thumb - processing/sorting concrete/soil										
١	3	Cat 623 F	Scraper - All 3 haulin	g from N slope of	f 5 to SW	/ Area 5				3			
٩	1	Cat 305 Ex	Cat 305 Excavator - exposing SE area 2 PVC pipe & slit fence										P/T
4	1	Cat D-6N D	Dozer - spreading cov	er material on Ar	ea 2 ripp	ing subgrade Are	a 5			1			
Ą	1	Dump Truc	ck Hauling 2" Minus C	rushed Concrete	1								х
٩	1	Komatsu W	VA 320 Loader - stock	cpiling 2" Minus C	Crushed (	Concrete				1			
٩	1	Komatsu G	D 655 Grader - Fine	Grading Area 5						1			
٩	1	Hitachi 450	) sorting Concrete							1			
٩	2	Crushers @	Concrete Pile - Goo	od Production Da	у					2			
C.	1	Kabolco EI	D150 Excavator							P/T			P/T
C.	1	Ingersoll-R	and VR-843							P/T			P/T
C.	1	Komatsu S	skid Steer - SK 1020							P/T			P/T
Job	Site Visit	ors : WEI	EKLY CONSTRU	ICTION MTG	-					-			
	Time		Name			Repr	resenting				R	emarks	
		Frank Nich	olson		City of V	Valla Walla				Abandor	n Vent pla	n review	
		Chance Ch	nacon		MHGC					Abandor	n Vent pla	n review	
Eros	sion Cont	rol	Are erosion control	measures and B	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes	s / 4-7-16
	Is there a	ny evidence	of discharge of pollut	ants into surface	waters o	or storm system?	containe	d on site		Photo	s Taken?	# 197	70 to 2002
Гraf	fic Contro	ol		Photos 7	Faken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From	7:00		То	1:00 pm	
		Was traffic	control according to	the approved TC	Plan?	n/a		From 1:00		PM	То	2:30 pm-CIPP to LF	
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:30	) LF	То	5:0	00 - OFF

PROJECT Sudbury Landfill 5/2 Remediation 21 REPORT No. 21	
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04/11/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00								
7.00	Crushing equipment functioning @ 7:00 am for most of Day - Hitachi 450 Exc on site sorting concrete with cat 320							
7:00 to 3:30	3 Scrapers running from Area	a 5 SW corner of Area 5						
7:00 to 3:30	Working grey subgradewith ri	pper to verify Garbage layer depth - need to adjus	t elevations for final cover grade					
		-11-						
	Hitachi 450 sorting concrete p	ne						
	Used Cat 305 Exc to install si	It fence south Area 2 - exposed buried PVC						
	2" Minus Stockpiled							
	Note: 2" minus stockpiled/not weighed 4/11/16							
7:00 to 5:00	MHGC crews mobilized sorted materials and started welding 4" & 8" HDPE pipe.							
	242 LF of 8" pipe welded - 880 LF of 4" pipe welded							
	Work on inspecting pipe a	nd plans to abandon vent pipe estimate 54 f	eet of 24" = 6 cu yds of cement/bentonite					
ield Tests Po	erformed	Location	Results					
None								
opies Sent 1	Го							

INSPECTOR J. Petty

21 REPORT No. \_ DATE 21 04/11/16





#### Photographs







#### Photo # IMG-1992

#### **Brief Description**

Row of Stakes marking finished subgrade a@ grade break - NE view

# Photo # IMG-2000

**Brief Description** 

8" HDPE pipe welding equipment plus 2 ea 4" HDPE pipe welders on site.

#### Photo # IMG-2001

**Brief Description** 

SW View of HDPE pipe welded



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

REPORT NO.	23						
DATE	0	4/13/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY		SHOWERS	RAIN	SNOW	0.11" rain
WIND	STILL	MODER.	HIGH		8 to 12		
APPROX. TEMP. RANGE					45 - 6	60	

Aver	age Field	Work Fe	orce										
Name of Contractor and/or Subcontractor(s) Superinten					tendents/	Foreman	Oper	ators	Lab	orers	s Remarks		ks
A. Culbert Construction Kory					Cory Elliso	on	8	3		1		Crushing	Ops
C.	MHGC			Cha	ance Cha	acon	3	3		pipe welders			ders
Equi	pment at	the Site											
	Operat	ing Contrac	ctor's ID (A - E, see at	pove)									
			Equi	pment - ID No,	and Des	cription				Opr	Stdby	Down	Idle
A	1	Cat 320 E	xcavator with bucket/t	humb - processi	ng/sortin	g concrete/soil				1			
4	3	Cat 623 F	Scraper - All 3 haulin	ig from N slope o	of 5 to SV	V Area 5				3			
A	1	Cat 305 E	xcavator - exposing S	E area 2 PVC pi	pe & slit	fence				P/T			P/T
Ą	1	Cat D-6N	Dozer - spreading cov	ver material on A	rea 2 rip	ping subgrade Ar	ea 5			1			
A	1	Dump Truck Hauling 2" Minus Crushed Concrete										Х	
A	1	Komatsu \	WA 320 Loader - stoc	kpiling 2" Minus	Crushed	Concrete				1			
A	1	Komatsu (	GD 655 Grader - Fine	Grading Area 5						1			
A	1	Hitachi 450 sorting Concrete								1			
Ą	2	Crushers @ Concrete Pile - Good Production Day							2				
C.	1	Kabolco ED150 Excavator							P/T			P/T	
C.	1	Ingersoll-Rand VR-843						P/T			P/T		
C.	1	1 Komatsu Skid Steer - SK 1020					P/T			P/T			
Job	Site Visite	ors : WE	EKLY CONSTRU	ICTION MTG									
Time Name			Representing				Remarks						
11:0	00:00 AM	0:00 AM Frank Nicholson C			City of Walla Walla					Abandon Vent - SW 5			
7:00 t	to 10:30 AM	10:30 AM Gerald Harding - Well Driller H			Harding Drilling Co				Abandon Vent - SW 5				
				JUB / Culbert Const / MHGC				Weekly Meeting - see minutes					
7:00	0 to 10:30 AM Chance Chacon MH			MHGC	ИНСС			Abandon Vent SW 5					
Erosion Control Are erosion control measures and BN			BMPs:	In Place?	Place? Const Entrance Funct		ctioning adequately? Yes / 4-7		/ 4-7-16				
Is there any evidence of discharge of pollutants into surface w				or storm system?		ontained on site		Photos Taken? # 1970 to 2		70 to 2002			
Traff	ic Contro			Photos		no		Inspec			1		
				control required		light			7:	7:00 To		1:00 pm	
			control according to			n/a		From 1:00 PM			To 5:00 pm- OFF		
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			⊺₀ <u>GE 1 O</u>	<del></del> ^_	<u></u>

PROJECT	Sudbury Landfill 5/2 Remediation	23 REPORT No.
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04/13/16

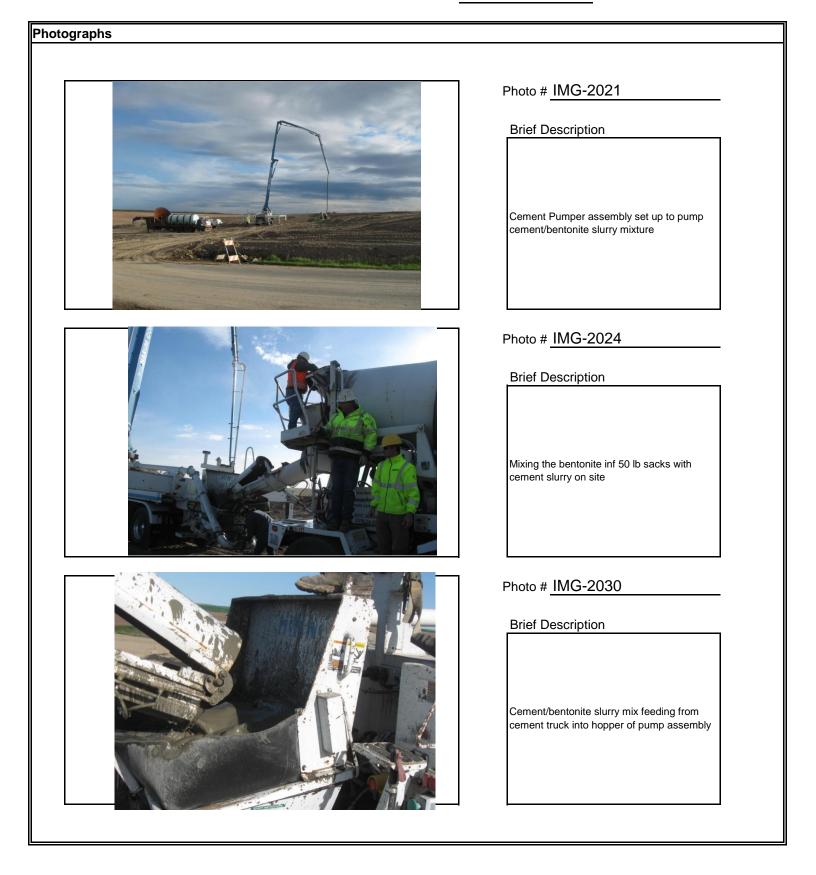
23

Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00	Crushing equipment functioning @ 7:00 am for most of Day - Hitachi 450 Exc on site sorting concrete with cat 320						
7:00 to 3:30	3 Scrapers running from NE c	corner of Area 5 to SW corner of Area 5					
7:00 to 3:30	Working grey subgrade NE co	orner of Area 5 with Cat D6 ripper to verify Garb	age layer depth - adjust elevations for final cove				
	Cat 320 hauled out late pm to	get modified for hydraulic ram to break larger p	vieces of concrete				
	Hitachi 450 sorting concrete p	ile - Cat 312 Hauled in late pm to process conc	rete pile				
	2" Minus Stockpiled						
	Note: 2" minus stockpiled/not weighed 4/13/16						
7:00 to 5:00	MHGC crews welding 4" & 8" HDPE pipe.						
	Pumped 11.8 cu yds cement/bentonite slurry (of 12 delivered) into the 24" vent pipe						
	Exposed 8" tee @ sign pos	st sent coordinates and elevations to JUB					
ield Tests Po	erformed	Location	Results				
None							
opies Sent	Γο		I				

INSPECTOR J. Petty

23	REPORT No.
	DATE

23 04/13/16





#### Photo # IMG-2034

**Brief Description** 

Cement/bentonite slurry @ final grade with 2nd - 6 yd load of mix. About 11.8 cu yds of mix was pumped into 54 feet of 24" steel pipe. 6 cu yds of mix was calculated to fill a 54 ft - 24" diameter pipe, so a lot of mix when into garbage layer through bottom and disjointed 24" diameter pipe.

#### Photo # IMG-2040

**Brief Description** 

Large piece concrete pile that will need hydraulic breaker to break into managable size for processing.

#### Photo # IMG-2043

**Brief Description** 

Large pile of 2" minus that has been processed and stockpiled for future distribution on haul roads.







## Photo # IMG-2037

#### **Brief Description**

Scrapers hauling from NE corner of Area 5 to SW portion of Area 5

## Photo # IMG-2038

**Brief Description** 

SW view of Area 5, note flagging around pothole location of design location of existing HDPE tee

# Photo # IMG-2049

**Brief Description** 

Exposed 8" HDPE Tee and posted sign, approximately 180 feet south of Design location.



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

REPORT NO.		24					
DATE	0	4/14/16	6				
DAY	S	М	Т	W	TH	F	S
			I				1
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		9 to 17		
APPROX. TEMP. RANGE					41 - 5	59	

Ave	rage Field	d Work Force									
Na	ame of Cont	ractor and/or Subcontractor(s)	Superinter	ndents/Foreman	Opera	itors	Laborers		Remarks		ks
A.	Culbert Co	onstruction	Kor	y Ellison	8			1		Crushing	Ops
C.	MHGC		ce Chacon	3					pipe wel	ders	
Equ	ipment at	t the Site									
	Opera	ating Contractor's ID (A - E, see	above)								
		E	quipment - ID No, an	d Description				Opr	Stdby	Down	Idle
٨	1	Cat 320 Excavator off site for hydraulic revisions						1			
٨	3	Cat 623 F Scraper - All 3 hau	uling from N slope of 5	5 to SW Area 5				3			
4	1	Cat 305 Excavator - sorting c	oncrete					P/T			P/T
4	1	Cat D-6N Dozer - spreading of	cover material on Area	a 2 ripping subgrade Are	a 5			1			
Ą	1	Komatsu WA 320 Loader - st	ockpiling 2" Minus Cru	ushed Concrete				1			
Ą	1	Komatsu GD 655 Grader - Fi	ne Grading Area 5					1			
٩	1	Hitachi 450 sorting Concrete						1			
4	2	Crushers @ Concrete Pile - C	Good Production Day					2			
С.	1	Kabolco ED150 Excavator	Kabolco ED150 Excavator P/						P/T		
С.	1	Ingersoll-Rand VR-843									P/T
С.	1	Komatsu Skid Steer - SK 1020									P/T
Job	Site Visit	tors : WEEKLY CONST	RUCTION MTG								
	Time	Name		Representing			Remarks				
		Frank Nicholson	С	City of Walla Walla				Potholing	g HDPE p	ipe tie ins	
Eros	sion Cont	Are erosion con	trol measures and BN	IPs: In Place?	Const Er	ntrance	Functi	oning ade	equately?	Yes	s / 4-7-16
	Is there a	ny evidence of discharge of po	llutants into surface w	vaters or storm system?	contained	d on site		Photo	s Taken?	# 200	03 to 2020
<b>Fraf</b>	fic Contro	ol	Photos Ta	ken? no		Inspect	tor On	Site Ho	ours		
Was Traffic control required to			oday? light	ht From 7:00:		7:00:00	) AM LF	То	5:0	00 - OFF	
		Was traffic control according	to the approved TC	Plan? n/a		From					
Do all flaggers have current flagging/TCS car				ards? n/a		From					

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation24 <b>REPORT No.</b> 24	
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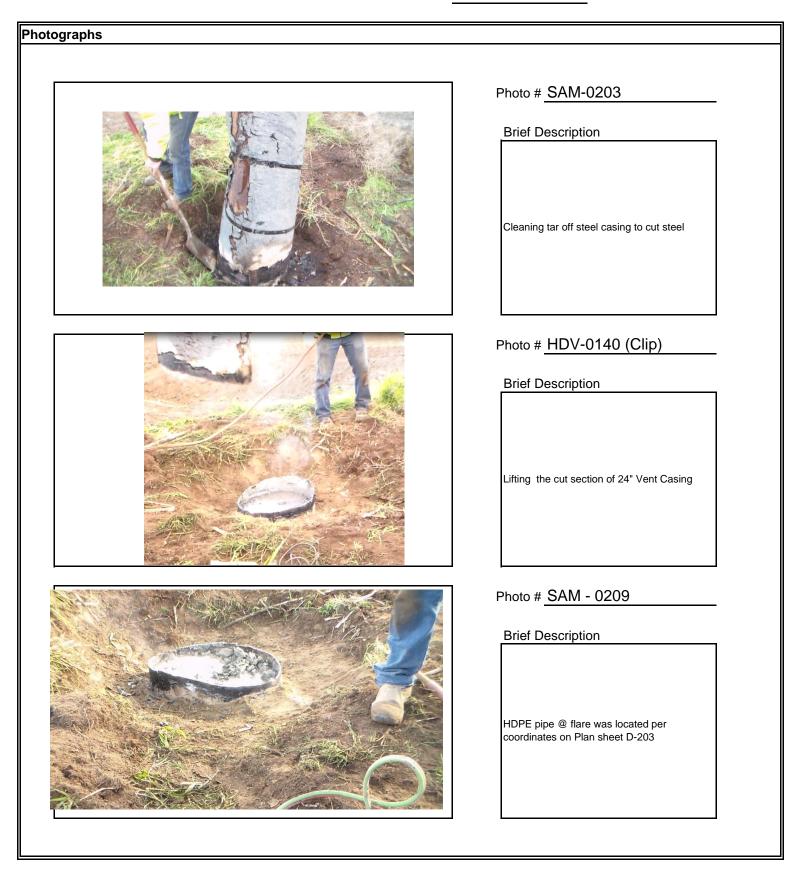
DATE

04/14/16

Time	orders given and rec	eived, discussions with contractor, and any applic	able statements for the monthly estimate.			
7:00	-	7:00 am for most of Day - Hitachi 450 Exc				
7:00 to 3:30	3 Scrapers running fromNE Area	5to SW corner of Area 5				
7:00 to 3:30	Working grey subgradewith ripper	to verify Garbage layer depth - need to adju	ist elevations for final cover grade			
	Litechi 450 certing concrete pile					
	Hitachi 450 sorting concrete pile					
	2" Minus Stockpiled - none hauled					
	Note: 2" minus stockpiled/not weighed 4/14/16					
7:00 to 3:00	MHGC crews cut 24" vent casing					
	installed misc 8" pipe fittings &	660 LF of 4" pipe fittings - left early 40	hr week in			
ield Tests P	erformed	Location	Results			
None						

INSPECTOR J. Petty

24 REPORT No. \_ DATE 24 04/14/16





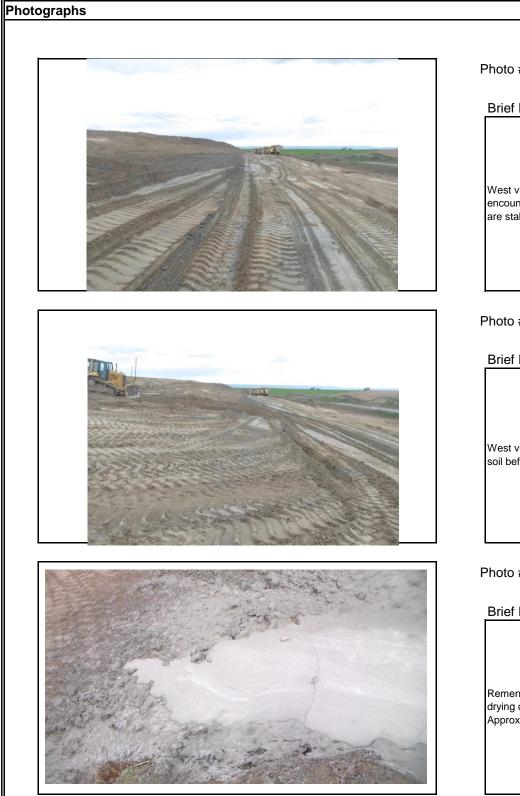
Encountered Garbage midway along North

# Photo # IMG-2052

Encountered Garbage midway along North

# Photo # IMG-2015

Easr view of NE Corner Area 5 - encountering garbage above design sebgrade elevation



## Photo # IMG-2054

**Brief Description** 

West view of the bench of garbage encountered along north slope Area 5. to left are stakes @ finish subgrade.

## Photo # IMG-2055

**Brief Description** 

West view of scrapers stripping last layer of soil before exposing top of garbage

# Photo # SAM 0202

**Brief Description** 

Remenant portion of cement/bentonite slurry drying out on grand next to vent. Approximately 0.2 cu yds



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

\\DATA64\Engine\PROJECTS\Inspection Report Database

REPORT NO.		25					
DATE	04/15/16						
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					Ì
	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		3 to 8		
-							
APPROX. TEMP. RANGE					43 - 6	61	

Ν	ame of Con	tractor and/or	r Subcontractor(s)	Superinte	ndents/Foreman Operators			ators	Laborers		Remarks		
A.	Culbert C	Construction	onstruction K				8			1		Crushing	Ops
Equ	lipment a	t the Site											
-	-		ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	nd Description					Opr	Stdby	Down	Idle
	1	Cat 320 Ex	cavator back on site v	vith hydraulic han	nmer 3:49					1			
	3	Cat 623 F	Scraper - All 3 hauling	g from N slope of	5 to SW Area 5					3	•		
	1	Cat 305 Ex	cavator - sorting conc	rete						P/T			P/T
	1	Cat D-6N	Dozer - spreading cove	er material on 3:1	slope on northerly	portior	n Of area 5			1			
	1	Komatsu V	VA 320 Loader - stock	piling 2" Minus C	rushed Concrete					1			
	1	Komatsu G	GD 655 Grader - Fine (	Grading Area 5						1			
	1	Hitachi 450	) sorting Concrete							1			
١.	2	Crushers @	② Concrete Pile - Goo	d Production Day	1					2			
).	1	Kabolco El	D150 Excavator										Off
).	1	Ingersoll-R	and VR-843										Off
).	1	Komatsu S	Skid Steer - SK 1020										Off
ob	Site Visi	itors : WE	EKLY CONSTRU	CTION MTG									
	Time		Name		Representing			Remarks					
		Frank Nicholson			City of Walla Walla			Potholing	g HDPE p	ipe tie ins			
									-			-	
Ero	sion Con	ontrol Are erosion control measures and B		MPs: In Pl	lace?	? Const Entrance Funct		Functioning adequately? Ye		Yes	/ 4-7-16		
Is there any evidence of discharge of pollutants into surface			waters or storm sys	stem?	containe	d on site		Photo	s Taken?	# 205	6 to 2105		
Traffic Control Photos T			Photos T	aken?	no	Inspector On			Site Hours				
			Was Traffic	control required t	oday?	light		From	7:00:00	O AM LF	То	'9:	30 - LF
		Was traffic	c control according to t	he approved TC	Plan?	n/a		From 9:30-10:30 (			CIPP 10:30 to 12:00 LF then off		
		Do	all flaggers have curre	ent flagging/TCS of	cards?	n/a		From	12:30-3	:00 CIPP	3:0 to	4:00 LF/C	IPP to 5:0

PROJECTSudbury Landfill 5/2 Remediation25REPORT No.25		
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DATE

04/15/16

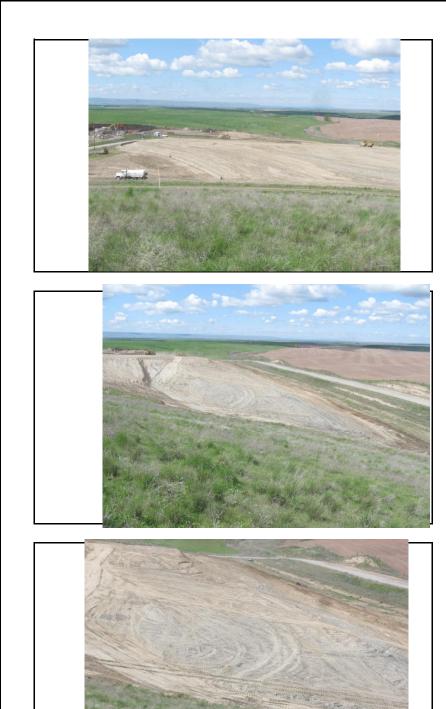
Time	orders given and r	eceived, discussions with contractor, and any app	licable statements for the monthly estimate.			
7:00	The 6" minus Crusher functionin	ng @ 7:00 am for most of Day - 2" minus cru	sher off all day - processing 6" minus only			
7:00 to 3:30	3 Scrapers running from NE Are	ea 5 to SW corner and North toe slope of Ar	ea 5			
7:00 to 3:30	Dozer Working grey subgradew	ith ripper to verify Garbage layer depth - pro	cessing 3:1 slope from toe to subgrade at top of hill			
	Hitachi 450 sorting concrete pile	e with cat 312				
	6" Minus Stockpiled - none hauled					
	Note: 6" minus stockpiled/not weighed 4/15/16					
7:00 to 3:00	MHGC crews Off on Fridays	work 4 X 10's				
Field Tests Performed None		Location	Results			
opies Sent	Το					

INSPECTOR J. Petty

PAGE 2 OF 5 PAGES

25 REPORT No. DATE 25 04/15/16





## Photo # IMG-2068

## **Brief Description**

Westerly view of Southerly portion of Area 5

# Photo # IMG-2069

**Brief Description** 

Westerly view of Northwesterly portion of Area 5

## Photo # IMG-2070

Brief Description

Zoom view of Photo 2069 above. Subgrade ready for topo on Monday.







#### Photo # IMG-2054

#### **Brief Description**

1 Crusher processing 6" minus - 2" crusher Idle all day

## Photo # IMG-2094

**Brief Description** 

Cat 320 back on site with Hydraulic Hammer to break up large pieces of concrete with lots of reinforcing steel.

## Photo # IMG 2102

**Brief Description** 

NW view of the top of NW slope. Stakes mark subgrade for topo on Monday. To the left is 4' cover material @ approx grade, to the right is subgrade @ 3:1 slope from bottom



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

REPORT NO.		26						
DATE	0	4/18/16	6					
DAY	S	М	Т	W	TH	F	S	
WEATHER	CLEAR	CLEAR PARTLY CLOUDY O		SHOWERS	SHOWERS RAIN			
WIND	STILL MODER.				8 to 12			
APPROX. TEM	MP. RAN	IGE			44 - 7	76		

Ν	ame of Cont	ractor and/or	r Subcontractor(s)	Superinte	endents/	Foreman	Opera	ators	Lab	orers		Remar	ks
A.	Culbert C	onstruction		K	ory Elliso	on	8			1	Crushing Ops		
В.	Anderson	-Perry surve	y crew	Je	remy Jor	nes	1					opo Surve	y 2 & 5
C.	MHGC			Cha	ance Cha	acon	3					pipe weld	ders
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	oove)									
			Equi	ipment - ID No, a	and Desc	cription				Opr	Stdby	Down	Idle
	1	Cat 320 Ex	cavator with hydraulio	c hammer - break	king large	e pieces of concre	ete			1			
	3	Cat 623 F	Cat 623 F Scraper - All 3 hauling from N slope of 5 to SW Area 5 3										
	1	Cat 305 Ex	cavator -							P/T			P/T
	1	Cat D-6N	Dozer - spreading cov	er material on Ar	ea 2 ripp	ing subgrade Are	a 5			1			
	1	Dump Truc	Dump Truck Idle all day										Х
	1	Komatsu V	Komatsu WA 320 Loader - stockpiling 6" Minus Crushed Concrete										
	1	Komatsu G	Komatsu GD 655 Grader - Fine Grading Area 5 & barrow site										
	1	Hitachi 450	) sorting Concrete							1			
	1	Crusher @	Concrete Pile - Good	l Production Day	making	6" minus				2			
•	1	Kabolco El	D150 Excavator							P/T			P/T
•	1	Ingersoll-R	and VR-843							P/T			P/T
	1	Komatsu S	Skid Steer - SK 1020							P/T			P/T
ob	Site Visi	tors : WE	EKLY CONSTRU	ICTION MTG									
	Time		Name			Repr	esenting				R	emarks	
		Frank Nich	nolson		City of V	Valla Walla				Abandor	n Vent plai	n review	
		Chance Ch	nacon		MHGC						n Vent plai	n review	
ro	sion Con		Are erosion control		_	In Place?	Const E		Functi	-	equately?		/ 4-7-16
			of discharge of pollut	ants into surface	waters c	or storm system?					s Taken?	# 197	70 to 2002
raf	fic Contr	ol		Photos 1		aken? <b>no</b>		-		Site Hours			
				control required		ay? light		From	m 7:00		То	1:00 pm	
		Was traffic	control according to	the approved TC	Plan?	n/a		From	1:00	PM	То	2:30 pm	n-CIPP to L
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:30	) LF	То	5:0	0 - OFF

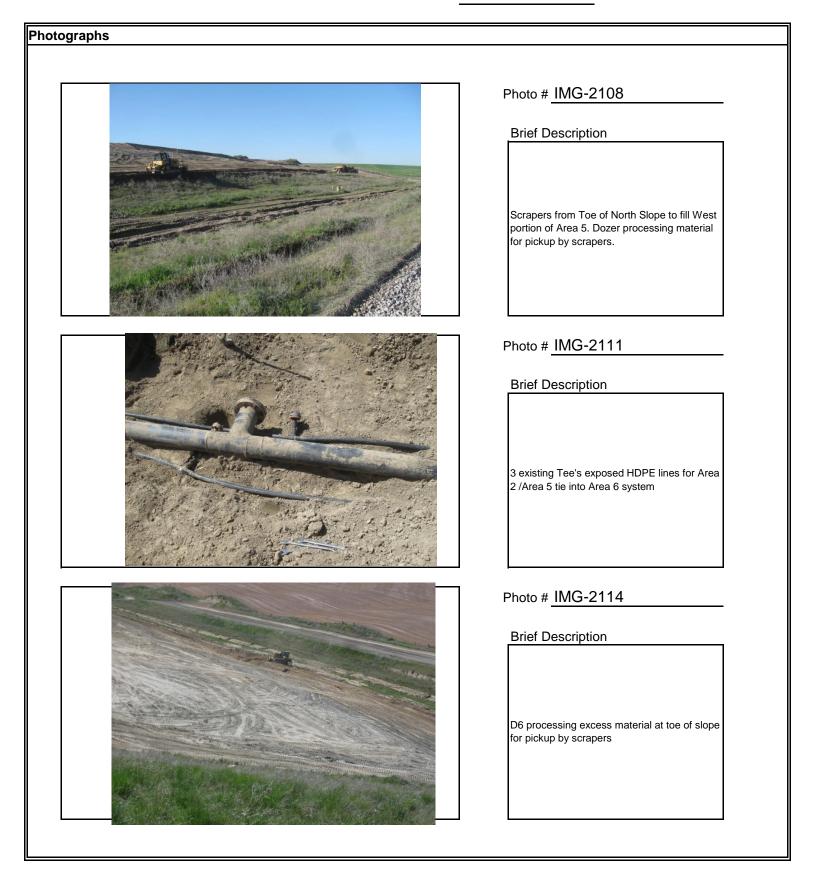
PROJECT Su	dbury Landfill 5/2 Remediation	26	REPORT No.		26		
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**DATE** 04/18/16

Time	orders given a	and received, discussions with contractor, and any appli	cable statements for the monthly estimate.						
7:00	Crushing equipment function	ng @ 7:00 am for most of Day - Hitachi 450 Exc on site sorting concrete with Cat 320 breaking							
7:00 to 3:30	3 Scrapers running from N t	oe of slope Area 5 to SW corner of Area 5							
	stripping barrow s	ite in pm & hauling to N toe of slope for haul rd							
7:00 to 3:30	Grader working on barrow site stripping and shapping haul rd								
	Hitachi 450 sorting concrete	pile							
	Cat 305 idle								
	6" Minus Stockpiled								
	Note: 6" minus stockpiled/not weighed 4/18/16								
7:00 to 5:00	MHGC crews on site preparing for tap into existing mains plan shutdown of flare in Pm for tap in AM								
	still welding pipe and fittings								
ield Tests P	erformed	Location	Results						
None									
opies Sent	To .	· · · · · · · · · · · · · · · · · · ·							

INSPECTOR J. Petty

26 REPORT No. DATE 26 04/18/16





# Photo # IMG-2116

#### **Brief Description**

Grader preping stockpile area for stripping from barrow site

# Photo # IMG-2117

**Brief Description** 

D6 Working toe of slope to subgrade in NE corner of Area 5

# Photo # IMG-2118

Brief Description

Subgrade on N Slope is to grade and topo completed, Hauling import cover material from barrow site in pm.





PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

REPORT NO.		27					
DATE	0	04/19/16					
DAY	S	S M T			TH	F	S
							I
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		3 to 8		
APPROX. TEM	MP. RAN	IGE			49 - 8	30	

Ave	rage Field	d Work Fo	orce											
	-		r Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Labo	orers		Remar	ks	
A.	Culbert Co	onstruction		K	ory Ellis	on	8	3		1		Crushing Ops		
C.	MHGC			Cha	ance Ch	acon	3	5				pipe wel	ders	
Equi	ipment at	the Site									-			
	Opera	ting Contrac	ctor's ID (A - E, see at	oove)										
			Equ	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle	
4	1	Cat 320 Ex	xcavator with Hydra ha	ammer - breaking	g large c	concrete pieces				1				
Ą	3	Cat 623 F	Cat 623 F Scraper - All 3 hauling from N slope of 5 to SW Area 5 3											
Ą	1	Cat 305 Ex	xcavator - idle							P/T			P/T	
ł	1	Cat D-6N I	Cat D-6N Dozer - spreading cover material on Area 2 ripping subgrade Area 5 1											
4	1	Dump Truck Idle									Х			
4	1	Komatsu V	Komatsu WA 320 Loader - stockpiling 2" Minus Crushed Concrete											
4	1	Komatsu G	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd											
4	1	Hitachi 450	Hitachi 450 sorting Concrete											
4	1	Crushers (	@ Concrete Pile - Goo	d Production Da	y 6" min	ius				2				
С.	1	Kabolco E	D150 Excavator							P/T			P/T	
С.	1	Ingersoll-R	Rand VR-843							P/T			P/T	
С.	1	Komatsu S	Skid Steer - SK 1020							P/T			P/T	
Job	Site Visit	ors : WE	EKLY CONSTRU	ICTION MTG										
	Time		Name			Representing					R	emarks		
		Frank Nich	nolson		City of	City of Walla Walla				Abandon	Vent pla	n review		
		Chance Cl	hacon		MHGC					Abandon	Vent pla	n review		
Eros	sion Cont	rol	Are erosion control	measures and B	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes	/ 4-7-16	
	Is there a	ny evidence	of discharge of pollut	ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	# 197	70 to 2002	
Traf	fic Contro	bl		Photos 7	Faken?	no Ir		Inspec	tor On	Site Ho	ite Hours			
			Was Traffic	control required	today?	? light F		From 7:0		00	О То		1:00 pm	
		Was traffic	c control according to	the approved TC	Plan?	? <b>n/a</b> F		From	1:00 PM		То	2:30 pm-CIPP to LF		
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:30	LF	То	5:0	0 - OFF	

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	27 REPORT No.	27	
---	---------------	----	--

DATE

04/19/16

Time	orders given and received	d, discussions with contractor, and any applicable	statements for the monthly estimate.						
7:00	1 Crusher functioning @ 7:00 am for m	nost of Day - Hitachi 450 Exc on site sorting	concrete with cat 320 breaking large concre						
7:00 to 3:30	3 Scrapers running from Barrow site to	N Toe slope & SW corner of Area 5							
7:00 to 3:30	Grader with ripper to process barrow s	ite & shaping haul road							
	Hitashi 450 sarting concrete nile								
	Hitachi 450 sorting concrete pile								
	6" Minus Stockpiled								
	Note: 6" minus stockpiled/not weighed 4/19/16								
7:00 to 5:00	MHGC crews mobilized sorted materials and started making taps to existing 4" & 8" HDPE pipe.								
	Installed 8" valve at Tee & 1.5" tee & 2 vales Area 2/5 ; Wye @ 4" valve Area 1								
	restarted flare to empty LFG main;	; drained supernate from LS to tap force	e main						
	Semi load of bentonite in large bags delivered about 3:00pm								
ield Tests Po	l erformed	Location	Results						
None									
opies Sent	Го								

INSPECTOR J. Petty

\_\_\_\_ 27 REPORT No.\_\_\_ DATE 27 04/19/16

## Photographs





# Photo # IMG-2129

#### Brief Description

Preparing 8" to cut and Install Wye and 4" valve

# Photo # IMG-2134

**Brief Description** 

Electrofusion coupler installed at wye

Photo # IMG-2132

Brief Description

Bleeding condensate from force main to install tap



# Photo # IMG-2137

## **Brief Description**

Haul Rd to barrow site shaping cut/fill slopes.

# Photo # IMG-2141

**Brief Description** 

SW view of new haul road near toe of slope along north slope

## Photo # IMG-1986

Brief Description

East view of re-graded north ditch line along toe of N slope







## Photo # IMG-2143

#### **Brief Description**

East view of large chunks of concrete remaining to be crushed into 6" minus

# Photo # IMG-2000

**Brief Description** 

Area 1 tap into 8" HDPE with Wye and 4" valve to capture LFG from EW-20 & EW-21

## Photo # IMG-2154

**Brief Description** 

N view of 8" HDPE Tee and new valve. 1.5" HDPE force main with tee & 2 valves.



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

REPORT NO.		28					
DATE	0	4/20/16	6				
DAY	S	S M T			TH	F	S
WEATHER			1				
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		3 to 8		I
APPROX. TEM	MP. RAN	IGE			50 - 8	32	

	-	d Work Fo	Subcontractor(s)	Superinte	endente	/Foreman	Oper	ators	Lah	orers		Remark	(S
A.	-		Subcontractor(3)		ory Elliso		8			1		Crushing	
	MHGC				ance Cha				0			-	
C.				Cha		acon		)		0		pipe weld	
=qu	ipment at		ctor's ID (A - E, see ab										
	Opera			pment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
4	1	Cat 312 Ex				•				1	Sluby	Down	X
<u>`</u>	3		Cat 312 Excavator feeding large concrete pieces into crusher       1       X         Cat 623 F Scraper - All 3 hauling from N slope of 5 to SW Area 5       3       3										
<u>`</u>	1	_	at 305 Excavator - idle										
<u> </u>	1		at D-6N Dozer - spreading cover material on Area 2 ripping subgrade Area 5 1										
\	1	Dump Truc			oc =pr								х
4 4	1		Komatsu WA 320 Loader - stockpiling 6" Minus Crushed Concrete										
4	1	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd								1			
4	1	Hitachi 450 excavator - idle								1			х
Ą	1	1 Crusher @ Concrete Pile, 1 Idle - Good Production Day 6" minus								2			
С.	1	Kabolco El	D150 Excavator										Х
С.	1	Ingersoll-R	and VR-843										Х
С.	1	Komatsu S	Skid Steer - SK 1020										Х
Job	Site Visit	ors : WE	EKLY CONSTRU	ICTION MTG	(see r	ninutes 4-28-	16)				1	••	
	Time		Name			Repr	esenting				R	emarks	
1	1:00 AM	Frank Nich	olson, C. Schwyn, A I	eazzari		City of WW, S	chwyn En	v, J-U-B		Weekly r	ntg		
1	1:00 AM	K. Ellison	n, D. DeRousie// D. Je	nsen,D. Taam		Culbert Con	st, // City o	f WW		Weekly r	ntg		
1	1:00 AM	M. Warner	, M. Solheim, L. Damo	on, C Carter. J. C		City of WW //	Dept of E	cology		Weekly r	ntg		
Eros	sion Cont	rol	Are erosion control	measures and B	MPs:	In Place?	Const E	ntrance	Funct	ioning ade	equately?	Yes	/ 4-7-16
	Is there a	iny evidence	of discharge of pollut	ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	# 197	0 to 2002
Fraf	fic Contro	ol		Photos T	aken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From 7:0		00 To		1:00 pm	
		Was traffic	control according to	the approved TC	Plan?	n/a		From	1:00	PM	То	2:30 pm	-CIPP to L
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From	2:30	) LF	То	5:0	0 - OFF

PROJECT         Sudbury Landfill 5/2 Remediation         28         REPORT	<b>o.</b> 28
--	--------------

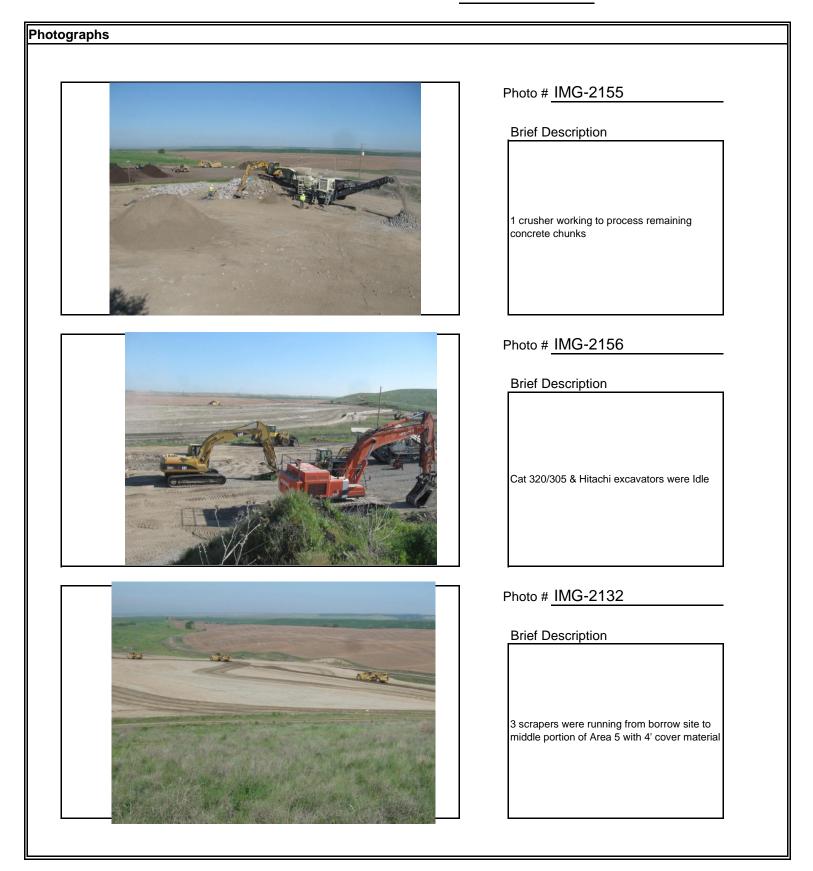
DATE

04/20/16

Time	orders given ar	nd received, discussions with contractor, and any applic	able statements for the monthly estimate.					
7:00 1 Crusher functioning @ 7:00 am for most of Day - Cat 312 feeding crusher - Hitachi 450 Exc & Cat								
7:00 to 3:30       3 Scrapers running from Barrow site to N Toe slope & SW corner of Area 5								
7:00 to 3:30	Grader with ripper to process	barrow site & shaping haul road						
	6" Minus Stockpiled							
	Note: 6" minus stockpiled/not weighed 4/20/16							
7:00 to 5:00		any tang and are off site root of the week						
.00 10 5.00		sary taps and are off site rest of the week.						
eld Tests P	erformed	Location	Results					
None								
opies Sent								

INSPECTOR J. Petty

28 REPORT No. DATE 28 04/20/16









#### Photo # IMG-2160

#### **Brief Description**

3,000 If of 1.5" DR 9 HDPE pipe delivered @ 9:33 am load tilted on trailer appeared undamaged in transit.

## Photo # IMG-2164

**Brief Description** 

W view of point of high garbage at grade break along north slope. Left is imported cover to right is 3:1 North slope

## Photo # IMG-2170

**Brief Description** 

S view of grade transition. Top left is imported cover, middle portion is transition area to 3:1 north slope.





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# Photo # IMG-2173

#### **Brief Description**

Low spot in area south of garbage ridge in the southeast corner of Area 5, west of piping Area 2 - Area 5 piping tie in point. Need to make sure this area drains when completed

# Photo # IMG-2174

**Brief Description** 

Broken fiberglass and PVC piping showing up in barrow material - old irrigation system.

## Photo # IMG-2175

**Brief Description** 

Location of source of misc piping showing up in material from borrow site



PROJECT	Project Name						
ENGINEER	Project Engineer						
CLIENT	City of Walla Walla						
INSPECTOR	J. Petty						
PRIME CONTRACTOR Culbert Construction							

REPORT NO.		29					
DATE	0	4/21/16	6				
DAY	S	М	Т	W	TH	F	S
							l
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		calm		
APPROX. TEMP. RANGE 52 - 77							

Ave	rage Field	d Work Fo	orce										
Na	ame of Cont	ractor and/or	r Subcontractor(s)	ndents/Foreman	C	perators	Lab	orers	Remarks				
Α.	Culbert Co	onstruction		Ko	ry Ellison		8		1		Crushing	Ops	
C.	MHGC			Char	nce Chacon		0		0		pipe weld	lers	
Equi	ipment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	nd Description				Opr	Stdby	Down	Idle	
4	1	Cat 312 Ex	cavator concrete site	cleanup					1			Х	
4	3	Cat 623 F	Scraper - All 3 hauling	g from N slope of	5 to SW Area 5				3				
4	1	Cat 305 Ex	cavator - idle									Х	
Ą	1	Cat D-6N	Dozer - spreading cov	er material on Are	a 2 ripping subgrade	Area 5			1				
A	1	Dump Truc	ck Idle									Х	
A	1	Komatsu V	VA 320 Loader - stock	piling 6" Minus Cr	rushed Concrete							х	
Ą	1	Komatsu G	GD 655 Grader - Fine	Grading Area 5 ba	arrow site haul rd				1				
Ą	1	Hitachi 450	) excavator - helping c	leanup concrete	site then idle				P/T			P/T	
4		Crushers @	② Concrete Pile - Con	npleted the crushi	ng of concrete pile wo	rk done						Х	
С.	1	Kabolco El	D150 Excavator									Х	
C.	1	Ingersoll-R	and VR-843									Х	
C.	1	Komatsu S	Skid Steer - SK 1020									Х	
Job	Site Visit	ors :											
	Time		Name		Representing					Remarks			
1	1:00 AM	Frank Nich	nolson		City of WW					Weekly mtg			
	All Day	Humbert A	sphalt						Hauling	drain rock	& gravel		
Eros	sion Cont	rol	Are erosion control	measures and BM	MPs: In Plac	e? Con	st Entrance	Funct	ioning ade	equately?	Yes	/ 4-7-16	
Is there any evidence of discharge of pollutants into surface				ants into surface v	waters or storm system	vaters or storm system? contained on site			Photos Taken? # 1970 to 2002				
Traf	fic Contro	ol		Photos Ta	aken? <b>n</b>	no Inspector On			Site Hours				
			Was Traffic	control required to	oday? lig	nt From 7		7:	7:00 To		1:00 pm		
		Was traffic	control according to t	he approved TC	Plan? n/	а	From 1:00		PM	То	To 2:30 pm-CIPP to LF		
		Do	all flaggers have curre	ent flagging/TCS c	ards? n/	a	From	2:30	) LF	То	5:0	0 - OFF	

PROJECT	Sudbury Landfill 5/2 Remediation	29 REPORT No.	29	
---------	----------------------------------	---------------	----	--

DATE

04/21/16

Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.									
7:00	7:00 1 Crusher done - Cat 312 cleaning & grading site to reclaim concrete staging area								
7:00 to 3:30	3 Scrapers running from Bar	row site to N Toe slope & SW corner of Area 5							
7:00 to 3:30	Grader with ripper to process	s barrow site & shaping haul road							
	Humbert hauling and stockpi	ling drain rock & crushed gravel for wells & pip	trenches to area 1 & 2 & 5						
	6" Minus Stockpile completed								
	Note: all 6" minus stockpiled none process on 4/21/16								
	MHGC crew are off site rest of the week.								
eld Tests P	erformed	Location	Results						
None									

INSPECTOR J. Petty

29 REPORT No. DATE 29 04/21/16









## Photo # IMG-2182

#### **Brief Description**

General cleanup and grading of former site of concrete pile

# Photo # IMG-2183

**Brief Description** 

N view of staging area after concrete pile was processed.

## Photo # IMG-2184

Brief Description

Bundle of 1" PVC pipe in same trench in borrow area, old irrigation system



Photo # IMG-2173

**Brief Description** 

Buried valve & fittings in borrow area

Photo # IMG-2174

**Brief Description** 

4" PVC pipe & valve - borrow site

Photo # IMG-2175

**Brief Description** 

Location of source of misc piping showing up in material from borrow site

Photographs



PROJECT	Project Name						
ENGINEER	Project Engineer						
CLIENT	City of Walla Walla						
INSPECTOR	J. Petty						
PRIME CONTRACTOR Culbert Construction							

REPORT NO.		30					
DATE	0	4/22/16	6				
DAY	S	М	Т	W	TH	F	S
							I
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		calm		
APPROX. TEMP. RANGE 52 - 77 // thdrshws pm16"						.16"	

Aver	rage Field	d Work Fo	orce										
	_		r Subcontractor(s)	Superinte	endents/F	oreman	Oper	ators	Labo	orers		Remar	ks
A.	Culbert Co	onstruction		Ko	ory Ellisor	n	8	;		1		Crushing	Ops
C.	MHGC			Cha	ince Cha	con	C	)	(	0		pipe weld	ders
Equi	ipment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	ipment - ID No, a	and Desc	ription				Opr	Stdby	Down	Idle
4	1	Cat 312 Ex	cavator concrete site	cleanup						1			Х
4	3	Cat 623 F	Scraper - All 3 haulin	g from N slope of	f 5 to SW	Area 5				3			
٩	1	Cat 305 Ex	cavator - idle										Х
4	1	Cat D-6N	Dozer - spreading cov	er material on Are	ea 2 rippi	ing subgrade Are	a 5			1			
Ą	1	Dump Truc	ck Idle										Х
٩	1	Komatsu V	VA 320 Loader - stock	xpiling 6" Minus C	rushed C	Concrete				1			
4	1	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd     1											
Ą	1	Hitachi 450	) excavator - idle							1			Х
4	1	1 Crusher	@ Concrete Pile, 1 Id	le - Good Product	tion Day	6" minus				2			
С.	1	Kabolco El	D150 Excavator										Х
С.	1	Ingersoll-R	and VR-843										Х
C.	1	Komatsu S	Skid Steer - SK 1020										Х
Job	Site Visit	ors :											
	Time		Name			Representing					Remarks		
1	1:00 AM	Frank Nich	nolson		City of WW				Weekly mtg				
	All Day	Humbert A	sphalt							Hauling	drain rock	& gravel	
Eros	sion Cont	rol	Are erosion control	measures and Bl	MPs:	In Place?	Const E	ntrance	Functi	ioning ade	equately?	Yes	/ 4-7-16
	Is there a	ny evidence	of discharge of polluta	ants into surface	waters or	r storm system?	containe	d on site		Photo	s Taken?	# 197	'0 to 2002
Traf	fic Contro	ol		Photos T	aken?	no	Inspector On			n Site Hours			
			Was Traffic	control required t	today?	light		From	7:	00	То	1:	00 pm
		Was traffic	control according to t	he approved TC	Plan?	n/a		From	1:00	PM	То	2:30 pm	-CIPP to L
		Doa	all flaggers have curre	ent flagging/TCS of	cards?	n/a		From	2:30	) LF	То	5:0	0 - OFF

PROJECT	Sudbury Landfill 5/2 Remediation	30	REPORT No.	30	

**DATE** 04/22/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.		
7:00	Crushers all done - Cat 312	idle - cleaning & grading of concrete stockpile sit	te is reclaimed
7:00 to 3:30	3 Scrapers running from Bar	rrow site to N Toe slope & SW corner of Area 5	
7:00 to 3:30	Grader with ripper to process barrow site & shaping haul road		
	Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5		
	6" Minus Stockpile completed		
	Note: all 6" minus stockpiled none process on 4/21/16		
	MHGC crew are off site rest of the week.		
ield Tests Performed		Location	Results
None			

**INSPECTOR** J. Petty

30 REPORT No. DATE 30 04/22/16





# Photo # IMG-2194

#### **Brief Description**

E. view of toe of N slope Area 5

# Photo # IMG-2200

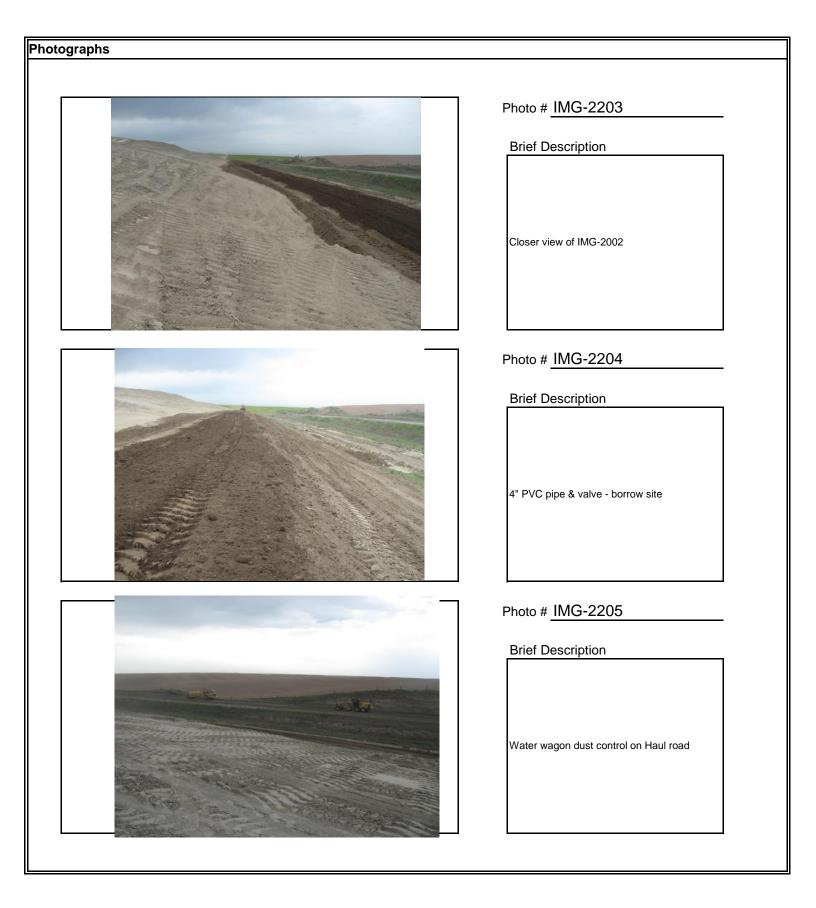
**Brief Description** 

Damaged fence corner near Haul road above compost pond. Kory will get it fixed.

# Photo # IMG-2202

Brief Description

woop de do's along N. toe of slope





PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR J. Petty						
PRIME CONTRACTOR Culbert Construction						

# **PROJECT OBSERVATION REPORT**

REPORT NO.		31					
DATE	0	4/25/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		calm		
APPROX. TEMP. RANGE 41 - 61							

Aver	rage Field	d Work Fo	orce										
Na	ame of Contr	actor and/or	r Subcontractor(s)	Superint	endent	s/Foreman	Oper	ators	Labo	orers		Remarks	
Α.	Culbert Co	onstruction		K	ory Ellis	son	8	3		1		Crushing	Ops
C.	MHGC			Cha	ance Cł	nacon	C	)	(	C		well drill	ers
Equi	ipment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No,	and De	scription				Opr	Stdby	Down	Idle
A	1	Cat 312 Ex	cavator concrete site	cleanup						1			х
A	3	Cat 623 F	Scraper - All 3 haulin	g from borrrow s	ite to S'	W Area 5				3			
A	1	Cat 305 Ex	cavator - idle										х
A	1	Cat D-6N	Dozer - sloping cover	material toe Area	a 5					1			
A	1	Dump Truc	ck - Hauling 2" minus	P/T to Haul Rd b	orrow s	ite				1			P/T
A	1	Komatsu V	VA 320 Loader -							1			
A	1	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd						1					
A	1	Hitachi 450 excavator - idle 1								х			
C.	2	Soil Mec Drill Rig - I operator/1 Top Man						1op/1lbr					
C.	1	Kabolco ED150 Excavator							1 P/T P/			P/T	
C.	1	Ingersoll-R	and VR-843							1	P/T		P/T
C.	1	Komatsu S	Skid Steer - SK 1020							'1	P/T		P/T
Job	Site Visit	ors :											
	Time Name					Representing				Remarks			
1	1:00 AM	AM Frank Nicholson				City of WW				Weekly mtg			
	All Day	y Humbert Asphalt					Hauling drain rock & gravel						
Eros	rosion Control         Are erosion control measures and BMPs				BMPs:	In Place?	Const E	ntrance Functioning		oning ade	oning adequately? Yes / 4-7-7		/ 4-7-16
Is there any evidence of discharge of pollutants into surface wa				waters	or storm system?	containe	d on site Photo			os Taken? # 1970 to 2002			
Traffic Control Photos Ta			Taken?	no	Inspector On			Site Hours					
			Was Traffic	control required	today?	light	ght From 7		7:	7:00 To 5		5:00	pm OFF
		Was traffic	control according to t	he approved TC	Plan?	n/a		From			То		
		Doa	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

PROJECT	Sudbury Landfill 5/2 Remediation	31 RE	PORT No.	31	
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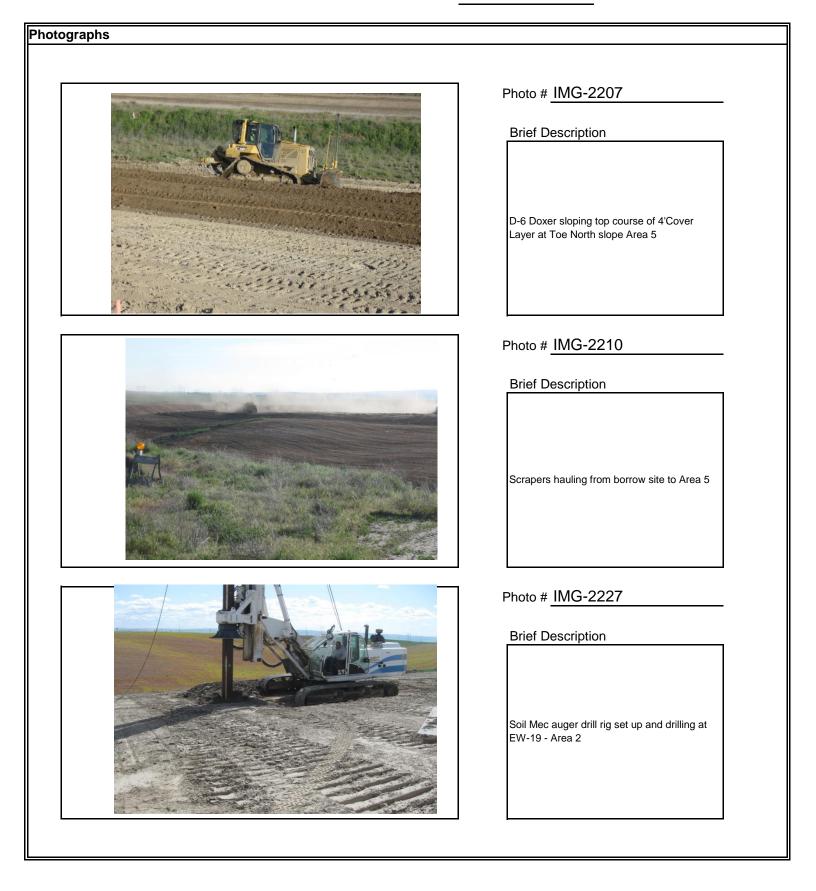
DATE

04/25/16

Time	orders given an	d received, discussions with contractor, and any applica	ble statements for the monthly estimate.				
7:00	Crushers all done - Cat 312 id	dle - cleaning & grading of concrete stockpile site	is reclaimed				
7:00 to 3:30	3 Scrapers running from Barr	ow site to N Toe slope & SW corner of Area 5					
7:00 to 3:30	Grader with ripper to process	barrow site & shaping haul road					
	Humbert hauling and stockpil	ing drain rock & crushed gravel for wells & pip tre	nches to area 1 & 2 & 5				
	6" Minus Stockpile completed	1					
	Note: all 6" minus stockpiled - 271 Tons 2" Minus haulted to Haul road @ borrow site						
		·					
	MHGC crew are drilling/ C	onstructing EW- 21; EW-20; & EW-19 on M	onday.				
ield Tests F	Performed	Location	Results				
None							

**INSPECTOR** J. Petty

31 REPORT No. DATE 31 04/25/16









# Photo # IMG-2216

#### **Brief Description**

HDPE Centralizers to center pipe during construction.

# Photo # IMG-2213

**Brief Description** 

Garbage bit to extract garbage from bottom of drill hole EW-21

Photo # IMG-2219

Brief Description

Dump Truck hauling 2" minus Concrete for haul road development to borrow site.







Photo # IMG-2221

**Brief Description** 

4" X 3" Slip Joint Reducer EW-21

Photo # IMG-2232

**Brief Description** 

SW view of Drill rig set up at EW-17

Photo # IMG-2237

**Brief Description** 

Area 1 Wells EW-21 (left - EW-20 (right) drilled and backfilled with drain rock, 3' bentonite seal; gravel; and final 3' bentonite top seal.



WALLA	DATE
	DAY

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT City of Walla Walla						
INSPECTOR J. Petty						
PRIME CONTRACTOR Culbert Construction						

# **PROJECT OBSERVATION REPORT**

REPORT NO.		32					
DATE	0	4/26/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					1
	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		calm		
APPROX. TEM		43 - 6	64				

Aver	age Field	Work Fo	orce										
Na	me of Contr	actor and/or	Subcontractor(s)	Superint	tendents	s/Foreman	Oper	ators	Lab	orers	Remarks		ks
A.	Culbert Co	onstruction		К	ory Ellis	on	8	3		1		Crushing	Ops
C.	MHGC			Cha	ance Ch	acon	(	)		0		well drill	ers
Equi	ipment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No,	and Des	scription				Opr	Stdby	Down	Idle
4	1	Cat 312 Ex	cavator concrete site	cleanup						1			х
A	3	Cat 623 F	Scraper - All 3 haulin	g from borrrow s	ite to S	N Area 5 Tire blev	v late after	noon		3			
A	1	Cat 305 Ex	cavator - digging utilit	y trench Area 1						1			P/T
A	1	Cat D-6N	Dozer - sloping cover	material toe Area	a 5					1			
A	1	Dump Truc	ck Idle										х
A	1	Komatsu V	VA 320 Loader -							1			
A	1	Komatsu G	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd						1				
A	1	Hitachi 450 excavator - idle						1			Х		
C.	2	Soil Mec Drill Rig - I operator/1 Top Man							1op/1lbr				
C.	1	Kabolco ED150 Excavator						1	P/T		P/T		
C.	1	Ingersoll-R	and VR-843							1	P/T		P/T
C.	1	Komatsu S	skid Steer - SK 1020							'1	P/T		P/T
Job	Site Visit	ors :											
	Time	Name			Representing			Remarks					
1	1:00 AM	Frank Nicholson				City of WW Weekly				/ mtg			
	All Day	Humbert Asphalt				На			Hauling drain rock & gravel				
Eros	sion Control Are erosion control measures and B			BMPs:	s: In Place? Const Entrance Func			ioning ade	equately?	Yes	/ 4-7-16		
Is there any evidence of discharge of pollutants into surface w			waters	or storm system?	containe	contained on site			Photos Taken? # 1970 to 2002				
Traffic Control Photos Ta			Taken?	no	no Inspector Or			On Site Hours					
Was Traffic control required to				today?	light	From		7:	7:00 To		5:00 pm OFF		
		Was traffic	control according to t	he approved TC	Plan?	n/a		From			То		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	32 REPORT No.	32	
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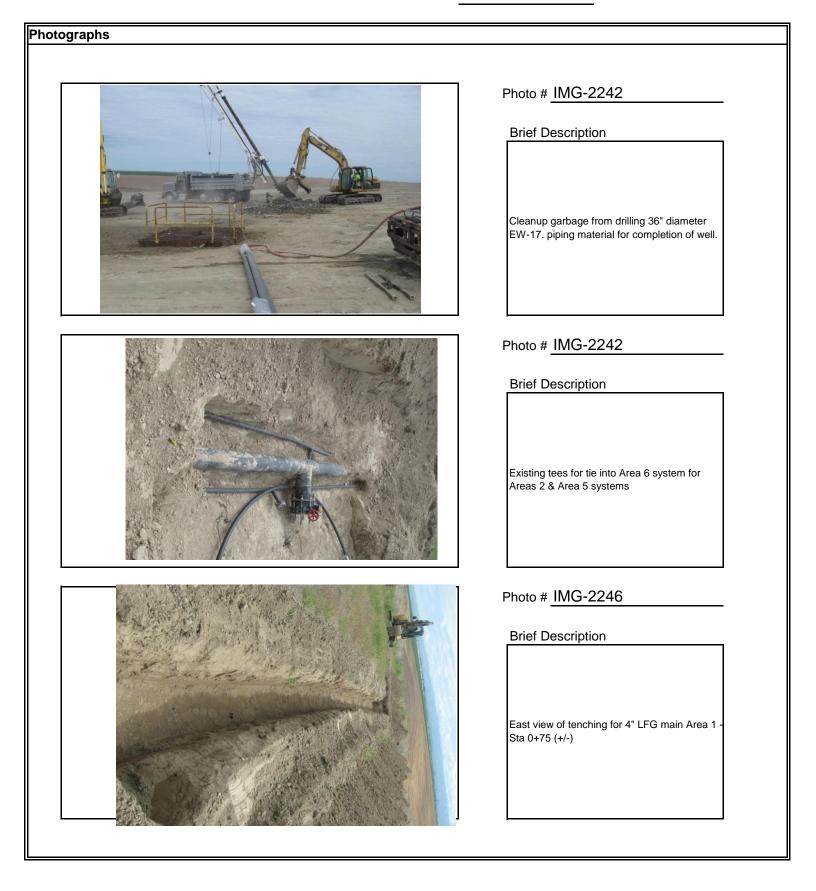
DATE

04/26/16

00 to 3:30       Grader with ripper to process barrow site & shaping haul road         Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5         Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5         6" Minus Stockpile completed         Note: all 6" minus stockpiled - 271 Tons 2" Minus haulted to Haul road @ borrow site         MHGC crew are drilling/ Constructing EW- 17; EW-15 on Tuesday.         Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled.	Time	orders given	and received, discussions with contractor, and any app	plicable statements for the monthly estimate.				
Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled.         Id Tests Performed	7:00	Crushers all done - Cat 312	2 idle -					
Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5         6" Minus Stockpile completed         Note: all 6" minus stockpiled - 271 Tons 2" Minus haulted to Haul road @ borrow site         MHGC crew are drilling/ Constructing EW- 17; EW-15 on Tuesday.         Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled.         eld Tests Performed	7:00 to 3:30	3 Scrapers running from Ba	arrow site to N Toe slope & SW corner of Area 5					
6" Minus Stockpile completed 6" Minus Stockpile completed Note: all 6" minus stockpiled - 271 Tons 2" Minus haulted to Haul road @ borrow site MHGC crew are drilling/ Constructing EW- 17; EW-15 on Tuesday. Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled.	7:00 to 3:30	Grader with ripper to proce	ss barrow site & shaping haul road					
Note: all 6" minus stockpiled - 271 Tons 2" Minus haulted to Haul road @ borrow site         MHGC crew are drilling/ Constructing EW- 17; EW-15 on Tuesday.         Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled.         ield Tests Performed       Location		Humbert hauling and stock	piling drain rock & crushed gravel for wells & pip	trenches to area 1 & 2 & 5				
MHGC crew are drilling/ Constructing EW- 17; EW-15 on Tuesday. Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled. ield Tests Performed Location Results		6" Minus Stockpile complet	red					
Installing pipe & drain rock; piping gravel and bentonite into ground after well is drilled.         ield Tests Performed       Location		Note: all 6" minu	is stockpiled - 271 Tons 2" Minus haulted to Hau	I road @ borrow site				
None	ield Tests P	Performed	Location	Results				
	None							

**INSPECTOR** J. Petty

32 REPORT No. DATE 32 04/26/16









### Photo # IMG-2249

#### **Brief Description**

Trenching on wrong side of power pole, had GPS location not the plan location.

# Photo # IMG-2247

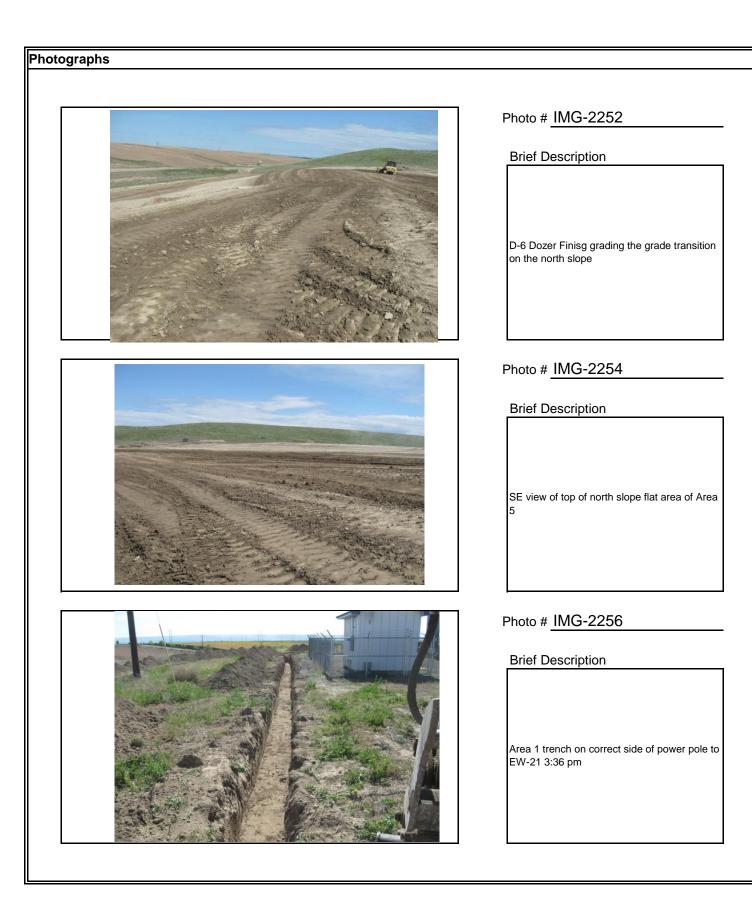
**Brief Description** 

Broken conduit - not located - communication lines for security camera system - needs to be repaired before backfilling.

### Photo # IMG-2219

**Brief Description** 

Using soil bit for drilling for waste - through the soil layer and hitting garbage layer EW-15. Change bits to remove garbage easier.





PROJECT	OBSERVATION	<b>I REPORT</b>
	OBOLIUM	

REPORT NO.		33					
DATE	0	4/27/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		0.05" rain		
APPROX. TEI	MP. RAN	IGE			46 - 5	59	

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

Ave	rage Fiel	d Work Fo	orce										
N	ame of Cont	ractor and/or	Subcontractor(s)	Superinte	endents/F	oreman	Oper	ators	Lab	orers		Remark	S
Α.	Culbert C	onstruction Kory Ellison 8								1 Crushin			Ops
C.	MHGC	GC Chance Chacon 0								0		well drille	ers
Equ	ipment a	t the Site											
	Opera	ating Contrac	tor's ID (A - E, see at	oove)									
			Equ	ipment - ID No, a	and Desc	ription				Opr	Stdby	Down	Idle
Ą	1	Cat 312 Ex	cavator										Х
A	2	Cat 623 F	Scraper - 2 hauling fi	om borrrow site t	to SW Are	ea 5-1 down (tire	e)			3			
١	1	Cat 305 Ex	cavator - idle										Х
٩	1	Cat D-6N Dozer - sloping cover material toe Area 5							1				
٩	1	Dump Truck Idle										Х	
٩	1	Komatsu V	Komatsu WA 320 Loader -							1			
١	1	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd							1				
٩	1	Hitachi 450 excavator - idle							1			Х	
).	2	Soil Mec Drill Rig - I operator/1 Top Man							1op/1lbr				
).	1	Kabolco El	D150 Excavator							1	P/T		P/T
).	1	Ingersoll-R	and VR-843							1	P/T		P/T
).	1	Komatsu S	Skid Steer - SK 1020							'1	P/T		P/T
Job	Site Visi	tors :											
	Time		Name		Representing				Remarks				
1	1:00 AM	Frank Nich	olson			City of WW			Weekly mtg				
	All Day	Humbert Asphalt						Hauling drain rock & gravel					
Eros	sion Con	Itrol         Are erosion control measures and BMPs:         In Place?         Const Entrance         Function						ioning ade	equately?	Yes	/ 4-7-16		
Is there any evidence of discharge of pollutants into surface wa				waters or	storm system?	containe	ed on site		Photos	s Taken?	# 197	0 to 2002	
<b>Fra</b> f	fic Contr	ol		Photos T	Faken?	en? no Inspector On			Site Ho	ours			
			Was Traffic	control required	today?	light		From	7:	:00 To 5:00 pm OF		pm OFF	
		Was traffic	control according to	the approved TC	Plan?	n/a		From			То		
		Doa	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

FROJECI Oddobily Landini 0/2 remediation 55 REFORT NO. 55	PROJECT	Sudbury Landfill 5/2 Remediation	33 REPORT No.	33	
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**DATE** 04/27/16

Time	orders given a	nd received, discussions with contractor, and any applic	discussions with contractor, and any applicable statements for the monthly estimate.						
7:00	Crushers all done - Cat 312	idle - cleaning & grading of concrete stockpile sit	ng & grading of concrete stockpile site is reclaimed						
7:00 to 3:30	3 Scrapers running from Bar	row site to N Toe slope & SW corner of Area 5							
7:00 to 3:30	Grader with ripper to process	s barrow site & shaping haul road							
	Humbert hauling and stockp	ling drain rock & crushed gravel for wells & pip tr	enches to area 1 & 2 & 5						
	6" Minus Stockpile complete	d							
	MHGC crew are drilling/ 0	Constructing EW- 13; EW-18 on Wednesday	у.						
	Backfilling EW-15 & 13;	Cleanup of EW-17							
ield Tests F	Performed	Location	Results						
None									

**INSPECTOR** J. Petty

33 REPORT No. DATE 33 04/27/16









# Photo # IMG-2216

#### **Brief Description**

2" minus concrete on haul road to borrow site.

# Photo # IMG-2213

**Brief Description** 

Abandoned PVC irrigation system from old spray farm. Pipe scraps being hauled with borrow material to area 5.

Photo # IMG-2268

Brief Description

Drain rock funnel system installation system to pour drain rock into bottom of EW-15.







Photo # IMG-2273

**Brief Description** 

East view of Dozer working cover material onto middle part of North Slope.

# Photo # IMG-2275

**Brief Description** 

SW view of waste drilling cleanup at EW-17

Photo # IMG-2277

Brief Description

Area 1 Well EW-21 - So view of trech with gravel bedding installed.



# **PROJECT OBSERVATION REPORT**

REPORT NO.		34					
DATE	0	4/28/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER							
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		0.06" rain		
APPROX. TEM	MP. RAN	IGE			50 - 6	67	

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

	-	d Work Fo	Subcontractor(s)	Superint	andants	/Foreman	Opera	ators	Lah	orers		Remark	(e
			Subcontractor(s)	•									
Α.		onstruction			ory Elliso		8			1		Crushing	•
C.	MHGC			Cha	ance Cha	acon	C	)		0		well drille	ers
Equi	-	t the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)						1			
Equipment - ID No, and Description						cription				Opr	Stdby	Down	Idle
	1	Cat 312 Ex	cavator										Х
	2	Cat 623 F	Scraper - 2 hauling fr	om borrrow site	to SW A	rea 5-1 down (tire	)			2			
	1	Cat 305 Ex	cavator - idle										Х
	1	Cat D-6N D	Dozer - sloping cover	material toe Area	a 5					1			
	1	Dump Truc	ck Idle										Х
١.	1	Komatsu WA 320 Loader -							1				
<b>۱</b>	1	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd							1				
<b>۱</b>	1	Hitachi 450 excavator - idle							1			Х	
<b>)</b> .	2	Soil Mec Drill Rig - I operator/1 Top Man								1op/1lbr			
).	1	Kabolco EI	D150 Excavator							1	P/T		P/T
).	1	Ingersoll-R	and VR-843							1	P/T		P/T
).	1	Komatsu S	skid Steer - SK 1020							'1	P/T		P/T
lob	Site Visit	ors :											
	Time		Name			Representing					R	emarks	
1	1:00 AM	Frank Nicholson				City of WW				Weekly mtg			
	All Day	Humbert Asphalt					Hauling			g drain rock & gravel			
ros	ion Cont	ntrol Are erosion control measures and BMPs: In Place? Const Ent					ntrance	Funct	ioning ade	equately?	Yes	/ 4-7-16	
Is there any evidence of discharge of pollutants into surface wat				waters of	or storm system?	containe	d on site		Photo	s Taken?	# 197	0 to 2002	
raf	ic Contro	ol		Photos 7	Taken?	en? no Inspector O			tor On	Site Ho	ours		
			Was Traffic	control required	today?				7:00 To		То	5:00	pm OFF
		Was traffic	control according to	he approved TC	Plan?	n/a		From			То		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From To			То		

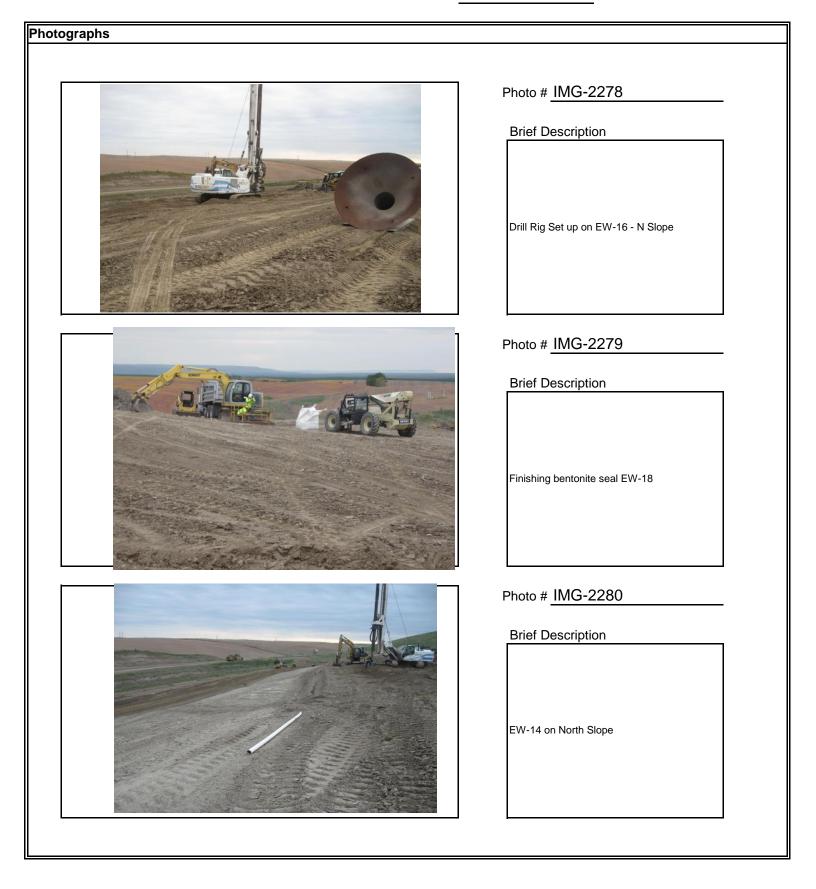
PROJECT	Sudbury Landfill 5/2 Remediation	34	REPORT No.	34
_				

**DATE** 04/28/16

Time	orders given a	and received, discussions with contractor, and any applica	able statements for the monthly estimate.						
7:00	Crushers all done - Cat 312	idle - cleaning & grading of concrete stockpile site	ning & grading of concrete stockpile site is reclaimed						
00 to 3:30	2 Scrapers running from Ba	rrow site to N Toe slope & SW corner of Area 5							
00 to 3:30	Grader with ripper to proces	s barrow site & shaping haul road							
	Humbert hauling and stockp	iling drain rock & crushed gravel for wells & pip tre	nches to area 1 & 2 & 5						
	6" Minus Stockpile complete	ed							
	MHGC crew are drilling/	Constructing EW- 16; EW-14 and EW-12 on	Thursday.						
		V-16; EW-14 & EW-12; Cleanup of EW-13, 18 N wells and left for week.	8, & 16						
eld Tests P	l erformed	Location	Results						
None									

**INSPECTOR** J. Petty

34 REPORT No. DATE 34 04/28/16









# Photo # IMG-2281

#### **Brief Description**

North slope construction 4' Cover in woop-dedo slope area.below EW-14.

# Photo # IMG-2283

Brief Description

Filling EW-14

### Photo # IMG-2284

Brief Description

Trash encountered in trench above sump below EW-19 Area 2 (Note photo @11:15 am)







### Photo # IMG-2273

#### **Brief Description**

Adjusting grade to avoid trash and get to 4' trench depth (Note Photo @ 1:26 pm)

# Photo # IMG-2286

**Brief Description** 

Area 2 - trench out of trash and depth of 4 ft. (Note: photo taken @ 2:12 pm)

### Photo # IMG-2282

Brief Description

Trash removed from EW-14



REPORT NO.		35					
DATE	0	4/29/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH		0.43" rain pm		
APPROX. TEM	MP. RAN	IGE			49 - 5	56	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

Ν	ame of Cont	ractor and/or	Subcontractor(s)	Superinte	ndents/Foreman		Opera	ators	Lab	orers	Remarks			
A.	Culbert C	onstruction		Ko	ry Ellison		8		1		Crushing Ops			
C.	MHGC			Char	nce Chacon		0			0		well drille	rs	
Equ	ipment a	t the Site												
	Opera	ating Contrac	tor's ID (A - E, see ab	ove)										
			Equi	pment - ID No, a	nd Description					Opr	Stdby	Down	Idle	
١	1	Cat 312 Ex	Cat 312 Excavator										Х	
<b>`</b>	2	Cat 623 F	Cat 623 F Scraper - 2 hauling from borrrow site to SW Area 5-1 down (tire)											
1	1	Cat 305 Ex	Cat 305 Excavator - idle										Х	
١.	1	Cat D-6N	Cat D-6N Dozer - sloping cover material toe Area 5							1				
۱.	1	Dump Truc	Dump Truck Idle										Х	
A	1	Komatsu V	Komatsu WA 320 Loader - backfilling trench with gravel bedding											
A	1	Komatsu G	Komatsu GD 655 Grader - Fine Grading Area 5 barrow site haul rd							1				
Ą	1	Hitachi 450	) excavator - idle							1			Х	
С.	1	Kabolco El	D150 Excavator -Off										Х	
).	1	Ingersoll-R	and VR-843 - Off										Х	
<b>)</b> .	1	Komatsu S	skid Steer - SK 1020 -	Off									Х	
Job	Site Visi	tors :												
	Time		Name		Representing				Remarks					
1	11:00 AM	Frank Nich	olson		City of WW					Weekly mtg				
	All Day	Humbert A	sphalt							Hauling	drain rock	& gravel		
Erosion Control         Are erosion control measures and E				measures and BN	MPs: In	Place?	Const E	ntrance	Func	tioning ade	equately?	Yes /	4-7-16	
Is there any evidence of discharge of pollutants into surface				ants into surface v	waters or storm sy	ystem?	containe	d on site		Photo	s Taken?	# 1970	) to 2002	
Traffic Control Photos					Taken? no Ins			Inspec	Inspector On Site Hou			ours		
			Was Traffic	control required to	today? light From		From 7:00		To 5:00 pm OFF					
		Was traffic	control according to t	he approved TC	Plan?	Plan? n/a From				То				
		Doa	all flaggers have curre	ent flagging/TCS c	ards?	n/a		From			То			

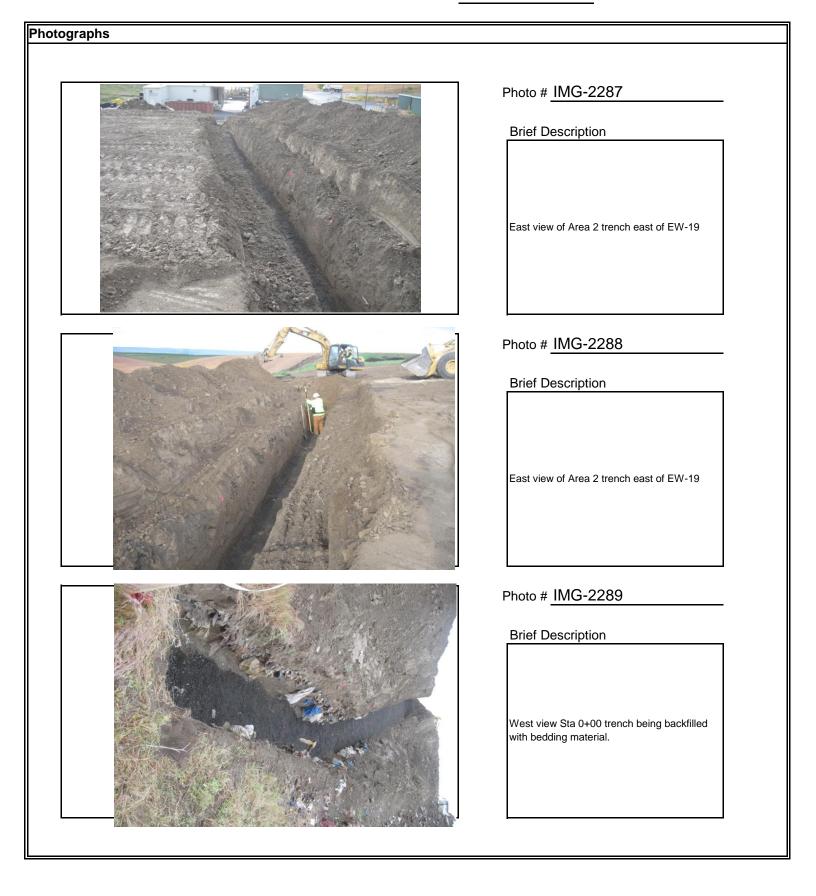
PROJECT	Sudbury Landfill 5/2 Remediation	35	REPORT No.	35	
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**DATE** 04/29/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.									
7:00	Crushers all done - Cat 312 digging Area 2 Trench towards compost rd									
7:00 to 3:30	2 Scrapers running from Barr	ow site to N Toe slope & SW corner of Area 5	e to N Toe slope & SW corner of Area 5							
7:00 to 3:30	Grader with ripper to process	barrow site & shaping haul road								
	Humbert hauling and stockpil	Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5								
	6" Minus Stockpile completed									
	MHGC crew are Off - 40 hrs in yesterday									
ield Tests P	Performed	Location	Results							
None										

**INSPECTOR** J. Petty

35 REPORT No. \_\_\_\_\_ DATE 35 04/29/16









# Photo # IMG-2291

#### **Brief Description**

South view of Area 2 trench looking back at EW-19. Grade break @ haul road Xing.

# Photo # IMG-2292

**Brief Description** 

North view of trench @ 17+00 where trench crosses haul road DI casing to be installed.

### Photo # IMG-2293

**Brief Description** 

East view of new fill area (from glass waste stockpile) extended fill 30-40 feet to south.







### Photo # IMG-2295

#### **Brief Description**

Grade break @ toe of slope by 2" minus concrete stockpile. (Note: photo taken @ 1:17 pm potholing for water main started about 1:30 to determine new grade to get under water main near compost road.

### Photo # IMG-2298

**Brief Description** 

South view of Area 2 - trench near 2" minus concrete stockpile. Never found water main to dtermine adjusted grade. ( 3:40 pm)

### Photo # IMG-2299

**Brief Description** 

North view from toe of slope new fill towards Compost road. Deep cut throught new fill area slowed production, moved a lot of dirt.



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

# **PROJECT OBSERVATION REPORT**

REPORT NO.		36					
DATE	0	)5/02/16					
DAY	S M		Т	W	TH	F	S
			1				I
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH	0			
APPROX. TEM	MP. RAN	IGE			50 - 8	32	

Aver	rage Field	d Work Fo	orce											
Na	ame of Cont	ractor and/or	Subcontractor(s)	Superinte	endents/Forema	in	Opera	ators	Lab	orers	rs Remarks			
Α.	Culbert Co	onstruction		K	ory Ellison		8	3 1			Crushing Ops			
C.	MHGC			Cha	ance Chacon		1			2	well p	oiping & co	onnections	
Equi	ipment at	t the Site												
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)										
			Equi	pment - ID No, a	and Description					Opr	Stdby	Down	Idle	
4	1	Cat 312 Excavator											Х	
Ą	2	Cat 623 F Scraper - 2 hauling from borrrow site to SW Area 5-1 down (tire)												
Ą	1	Cat 305 Excavator - idle											Х	
٩	1	Cat D-6N	Dozer - sloping cover i	material toe Area	15					1				
Ą	1	Dump Truc	ck Idle										Х	
4	1	Komatsu V	VA 320 Loader - back	filling trench with	gravel bedding					1				
Ą	1	Komatsu G	D 655 Grader - Fine	Grading Area 5 b	parrow site haul	rd				1				
A	1	Hitachi 450	) excavator - idle							1			Х	
C.	1	Kabolco EI	D150 Excavator - P/T	grading & cleanu	up and materials	s for well o	connection	s		1			p?t	
C.	1	Ingersoll-R	and VR-843 - P/T gra	ading & cleanup	and materials for	or well con	nections			1				
С.	1	Komatsu S	kid Steer - SK 1020 -	P/T grading & c	leanup and mat	terials for	well conne	ctions		1				
Job	Site Visit	ors :								-				
	Time		Name		Representing					Remarks				
1	1:00 AM	Frank Nich	olson		City of WW					Weekly mtg				
	All Day	Humbert A	sphalt							Hauling	Hauling drain rock & gravel			
Erosion Control Are erosion control measures and E				measures and B	MPs:	In Place?	Const E	ntrance	Funct	ioning ad	equately?	Yes	/ 4-7-16	
Is there any evidence of discharge of pollutants into surface				waters or storm	or storm system? contained on site			Photo	s Taken?	# 2300 to 2320				
Fraf	fic Contro	ol		Photos T	Taken?	no		Inspec	tor On	Site Ho	ours			
Was Traffic control required					today? light From			From	rom 7:00 To		То	To 5:00 pm OFF		
		Was traffic	control according to t	he approved TC	Plan?	Plan? <b>n/a</b> From			То					
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То			

PROJECT	Sudbury Landfill 5/2 Remediation	36	REPORT No.	36	
---------	----------------------------------	----	------------	----	--

**DATE** 05/02/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.									
7:00	Crushers all done - Cat 312 digging Area 2 Trench towards compost rd									
00 to 3:30	2 Scrapers running from Ba	arrow site to N Toe slope & SW corner of Area 5								
00 to 3:30	Grader with ripper to proces	Grader with ripper to process barrow site & shaping haul road								
	Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5									
	6" Minus Stockpile completed									
	MHGC crews installing pipe Area 1 and Area 2									
	erformed	Location	Results							
None										
ies Sent	Το		I.							

**INSPECTOR** J. Petty

36 REPORT No. DATE 36 05/02/16

# Photographs







### Photo # IMG-2300

#### Brief Description

SW view of 4" HDPE LFG collection pipe to EW-21.

### Photo # IMG-2288

**Brief Description** 

So view of 4" HDPE LFG collection pipe to EW-19. DI casing @ haul Rd below stagin area.

### Photo # IMG-2289

#### **Brief Description**

East view Sta 1+00 trench with 4" HDPE on gravel bedding material.







### Photo # IMG-2308

#### **Brief Description**

SW view of 4" HDPE pipe Area 2 trench looking back at EW-19 connection

# Photo # IMG-2311

**Brief Description** 

NW view of trench Area 5 @ 17+00 where trench crosses haul road DI casing to be installed.

### Photo # IMG-2311

**Brief Description** 

3rd Scraper being hauled off-site for repairs.







# Photo # IMG-2295

#### **Brief Description**

So view of 4" HDPE pipe through staging area from edge of Compost Road - crossing to be installed in am.

# Photo # IMG-2298

**Brief Description** 

No view of 4" HDPE pipe through staging area from edge of Compost Road - crossing to be installed in am.

### Photo # IMG-2299

Brief Description

West fiew of 4" HDPE pipe trench by flare EW-20 connection.



PROJECT	Project Name						
ENGINEER	Project Engineer						
CLIENT	City of Walla Walla						
INSPECTOR	J. Petty						
PRIME CONTRACTOR Culbert Construction							

# **PROJECT OBSERVATION REPORT**

REPORT NO.		37					
DATE	0	5/03/16	6				
DAY	S	М	Т	W	TH	F	S
							1
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEM	MP. RAN	IGE			58 - 8	37	

Ave	rage Field	d Work Fo	orce											
N	ame of Conti	ractor and/or	Subcontractor(s)	Superinte	endents/	Foreman	Oper	ators	Lab	orers		Remar	ks	
A.	Culbert Co	onstruction		Ko	ory Elliso	on	8	3		1	Crushing Ops			
C.	MHGC			Cha	nce Cha	acon	C	)		0	well p	oiping & co	onnections	
Equ	ipment at	the Site												
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)										
			Equi	pment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle	
4	1	Cat 312 Ex	Cat 312 Excavator trenching area 2										Х	
٩	1	Cat 320 Ex	cavator trenching4" L	.FG area 5 - EW-	-13 pm.					1			P/T	
4	2	Cat 623 F	Scraper - 2 hauling fr	om borrrow site to	o SW A	rea 5-1 down (tire	)			2				
4	1	Cat 305 Ex	cavator - idle										Х	
A	1	Cat D-6N D	Dozer - sloping cover	material toe Area	5					1				
A	1	Dump Truck Idle											Х	
4	1	Komatsu WA 320 Loader - backfilling trench with gravel bedding 1												
A	1	Komatsu G	D 655 Grader - Fine	Grading Area 5 b	arrow si	te haul rd				1				
4	1	Hitachi 450	) excavator - idle							1			Х	
D.	1	Kabolco EI	D150 Excavator - P/T	grading & cleanu	p and r	naterials for well o	connection	IS		1			P/T	
).	1	Ingersoll-R	and VR-843 - P/T gra	ading & cleanup	and mat	terials for well con	inections			1			P/T	
С.	1	Komatsu S	skid Steer - SK 1020 -	P/T grading & cl	eanup	and materials for	well conne	ections		1			Х	
Job	Site Visit	ors:												
	Time		Name		Representing						R	emarks		
1	1:30 AM	Frank Nich	olson		City of WW					Progress review				
	All Day	Humbert A	sphalt							Hauling	drain rock	& gravel		
Eros	sion Cont	rol	Are erosion control	measures and Bl	MPs:	In Place?	Const E	ntrance	Funct	ioning ade	equately?	Yes	/ 4-7-16	
Is there any evidence of discharge of pollutants into surface					waters o	or storm system?	containe	ed on site		Photo	s Taken?	# 232	1 to 2347	
raf	raffic Control Photos					? <b>no l</b>		Inspec	Inspector On Site He			ours		
Was Traffic control required to					today?	? light l		From 7:00		To 5:00 pm OFF				
		Was traffic	control according to t	he approved TC	Plan?	? <b>n/a</b> From				То				
		Do a	all flaggers have curre	ent flagging/TCS of	cards?	n/a		From			То			

PROJECT	Sudbury Landfill 5/2 Remediation	37 REPORT No.	37		
---------	----------------------------------	---------------	----	--	--

DATE

05/03/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.				
7:00	Crushers all done - Cat 312	digging Area 2 Trench towards compost rd			
7:00 to 3:30	2 Scrapers running from Ba	rrow site to N Toe slope & SW corner of Area 5			
	D6 Dozer grading shaping	g north slope with scrapers			
7:00 to 3:30	Grader with ripper to proces	ss barrow site & shaping haul road			
7:00 to 3:30	Cat -312 trenching/bedding	4" LFG main north of Compost Rd			
12:30 to 3:30	Cat -320 trenching/ 4" LFG main north from 8" LFG main to EW-13				
	Humbert hauling and stockpiling drain rock & crushed gravel for wells & pip trenches to area 1 & 2 & 5				
	MHGC crew are insalling 4" LFG main Area 2 - Air line tie into Area 6 system				
ield Tests P	erformed	Location	Results		
None					

**INSPECTOR** J. Petty

37 REPORT No. DATE 37 05/03/16

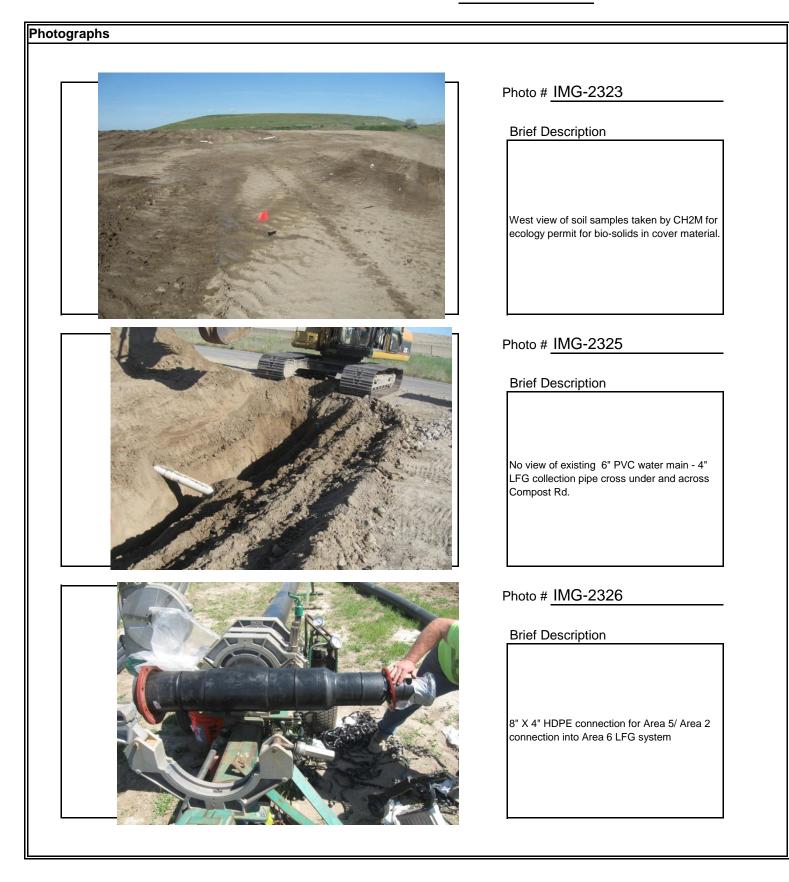








Photo # IMG-2329

**Brief Description** 

Beginning trenching from 8" LFG main for 4" LFG main to EW-13 with Cat 312.

# Photo # IMG-2331

**Brief Description** 

Cat D6 spreading/grading 4' cover on North slope Area 5. 2 scrapers hauling from borrow site.

# Photo # IMG-2335

**Brief Description** 

Water tanker - Dust Control in the SW corner of Area 5 and on haul roads.







#### Photo # IMG-2295

**Brief Description** 

SW view of 4" LFG main trenching from Area 2 just north of Compost Rd along concrete barrier. (Sta 8+00 +/-)

### Photo # IMG-2298

**Brief Description** 

NE view of 4" LFG maintrenching from Area 2 just north of Compost Rd along concrete barrier towards Area 6. (Sta 8+00 +/-)

Photo # IMG-2343

**Brief Description** 

Welding 1.5" airline at Area 2 / Area 5 tie into existing Area 6 system.



REPORT NO.		38					
DATE	0	5/04/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEM	MP. RAN	IGE			58 - 8	37	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

Ave	rage Field	d Work Fo	orce										
N	ame of Conti	ractor and/or	r Subcontractor(s)	Superinte	endents/Foreman		Opera	ators	Laborers			Remarks	
Α.	Culbert Co	onstruction		Ko	ory Ellison		8			1		Crushing Ops	
C.	MHGC			Cha	nce Chacon		0		(	C	well p	piping & co	onnections
Equ	ipment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	oove)									
			Equi	ipment - ID No, a	and Description					Opr	Stdby	Down	Idle
١	1	Cat 312 Ex	cavator trenching are	ea 2						1			Х
	1	Cat 320 Ex	cavator trenching4" L	.FG area 5 - EW-	-13 pm.					1			P/T
L	2	Cat 623 F	Scraper - 2 hauling fr	om borrrow site to	o SW Area 5-1 dov	wn (tire	)			2			
١	1	Cat 305 Ex	cavator - idle										Х
١	1	Cat D-6N	Dozer - sloping cover	material toe Area	5					1			
	1	Dump Truc	ck Idle										Х
L	1	Komatsu V	VA 320 Loader - back	filling trench with	gravel bedding					1			
١	1	Komatsu G	GD 655 Grader - Fine	Grading Area 5 b	arrow site haul rd					1			
١.	1	Hitachi 450	) excavator - idle							1			Х
;.	1	Kabolco El	D150 Excavator - P/T	grading & cleanu	p and materials fo	or well c	onnection	S		1			P/T
).	1	Ingersoll-R	and VR-843 - P/T gra	ading & cleanup	and materials for w	vell con	nections			1			P/T
).	1	Komatsu S	Skid Steer - SK 1020 -	P/T grading & cl	eanup and materia	als for v	well conne	ctions		1			Х
lob	Site Visit	ors:											
	Time		Name			Repr	esenting				R	emarks	
1	1:00 AM	Frank Nich	nolson; J Petty; D. Taa	am; D. Jensen		City	of WW			Weekly	meeting		
8:	00:00 AM	Jeremy Jo	ones - A-P			Anders	son-Perry			Construc	tion Staki	ng	
	11:00	K. Ellison;	C Chacon:;D DeDous	sie; A. Fazzari;	С	ulbert; I	MHGC; JU	IB		Weekly r	neeting		
Eros	sion Cont	rol	Are erosion control	measures and Bl	MPs: In F	Place?	Const E	ntrance	Functi	oning ade	equately?	Yes	/ 4-7-16
	Is there a	ny evidence	of discharge of polluta	ants into surface	waters or storm sys	stem?	containe	d on site		Photo	s Taken?	# 234	8 to 2382
raf	fic Contro	ol		Photos T	aken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required t	oday?	light		From	7:	00	То	5:00	pm OFF
		Was traffic	control according to t	the approved TC	Plan?	n/a		From			То		
		Doa	all flaggers have curre	ent flagging/TCS of	cards?	n/a		From			То		

PAGE 1 OF 5 PAGES

|--|

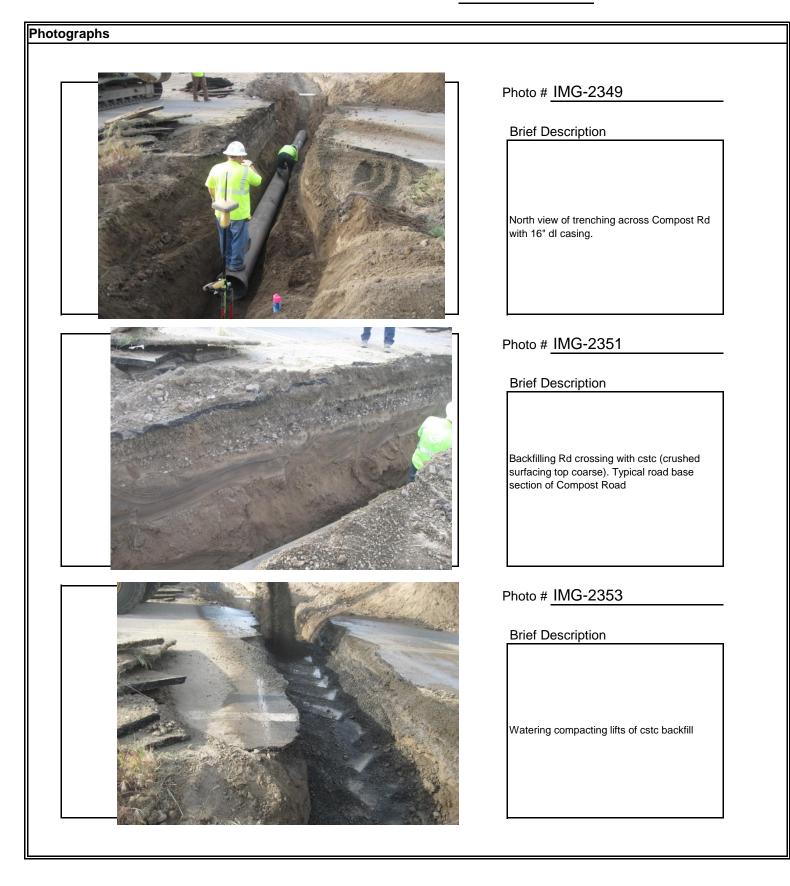
DATE

05/04/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00	Crushers all done - Cat 312 digging Are	rushers all done - Cat 312 digging Area 2 Trench north of Compost rd to tie in.						
7:00 to 3:30	2 Scrapers running from Barrow site to	N Toe slope & SW corner of Area 5						
	D6 Dozer grading shaping north slop	pe with scrapers						
7:00 to 3:30	Grader with ripper to process barrow si	ite & shaping haul road						
6:00 to 8:30	Cat -312 trenching/bedding 4" LFG ma	in north accross Compost Rd & open rd						
8:30 to 3:30	Cat -312 trenching/bedding 4" LFG ma	in north of Compost Rd						
12:30 to 3:30	Cat -320 digging sump for pump station	n, hose broke on compactor down rest of da	ay.					
	Humbert hauling and stockpiling drain r	rock & crushed gravel for wells & pip trench	es to area 1 & 2 & 5					
	MHGC crew are insalling 4" LFG rr	nain Area 2 - Air line tie into Area 6 sys	tem					
		,						
ield Tests P	erformed	Location	Results					
ield Tests P None	Performed	Location	Results					
	'erformed	Location	Results					

**INSPECTOR** J. Petty

38 REPORT No. DATE 38 05/04/16









#### Photo # IMG-2360

#### **Brief Description**

Installing vavles on 1.5" airline @ tie into Area 6 system.

## Photo # IMG-2364

**Brief Description** 

Sump/pump system for area 2 and area 5 were delivered.

### Photo # IMG-2366

**Brief Description** 

Grade break @ 40 If N of angle point @ barrier (will reduce depth of trench & increase production trenching).







Photo # IMG-2368

**Brief Description** 

Feeding 1.5" HDPE pipe under 6" water main

## Photo # IMG-2369

**Brief Description** 

Plate wacking bedding @ angle point north of Compost Rd

Photo # IMG-2370

**Brief Description** 

4" HDPE fitting welded @ angle point just north of Compost Rd sta 9+00.



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

# **PROJECT OBSERVATION REPORT**

REPORT NO.		39					
DATE	C	5/05/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH	.41" +.0	4" rain last ni	ght +am	
APPROX. TEM	MP. RAN	IGE			54 - 7	72	

Ave	rage Field	d Work Force								
N	ame of Conti	ractor and/or Subcontractor(s)	Superintend	dents/Foreman	Operators	Lab	orers		Remar	<s< td=""></s<>
Α.	Culbert Co	onstruction	Kory	Ellison	8		1		Crushing	Ops
C.	MHGC		Chanc	e Chacon	0		0	well p	oiping & co	onnections
Equ	ipment at	t the Site								
	Opera	ting Contractor's ID (A - E, see at	ove)							
		Equ	ipment - ID No, and	Description			Opr	Stdby	Down	Idle
Ą	1	Cat 312 Excavator trenching Are	ea 2 north into Area	5 to Grd brk, then 0+0	0 uphill to 100 ft E o	f EW-18	1			Х
Ą	1	Cat 320 Excavator trenching4" L	.FG area 5 - EW-13	3 pm.			1			P/T
Ą	2	Cat 623 F Scraper - 2 hauling fi	om borrrow site to S	SW Area 5-1 down (tire	e)		2	ľ		
Ą	1	Cat 305 Excavator - help install	Area 2 Lift Sta & ba	ckfill						P/T
٩	1	Cat D-6N Dozer - sloping cover	material toe Area 5				1			
Ą	1	Dump Truck Idle								Х
Ą	1	Komatsu WA 320 Loader - back	filling trench with gr	avel bedding			1			
٩	1	Komatsu GD 655 Grader - Fine	Grading Area 5 bar	row site haul rd			1			
A	1	Hitachi 450 excavator - idle					1			Х
С.	1	Kabolco ED150 Excavator - P/T	grading & cleanup	and materials for well	connections		1			P/T
С.	1	Ingersoll-Rand VR-843 - P/T gr	ading & cleanup an	d materials for well cor	nnections		1			P/T
С.	1	Komatsu Skid Steer - SK 1020 -	P/T grading & clea	nup and materials for	well connections		1			Х
Job	Site Visit	tors :								
	Time	Name		Rep	resenting			R	emarks	
11	:30:00 AM	Frank Nicholson;		City	/ of WW		Site Ins	pection - l	Jpdate	
							I			

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning ac	lequately?	Yes / 4-7-16
Is there any evidence	of discharge of pollutants into surface waters	or storm system?	containe	d on site	Photo	os Taken?	# 2382 to 2434
Traffic Control	Photos Taken?	no		Inspec	tor On Site H	ours	
	Was Traffic control required today?	light		From	7:00	То	5:00 pm OFF
Was traffic	control according to the approved TC Plan?	n/a		From		То	
Do a	all flaggers have current flagging/TCS cards?	n/a		From		То	

PROJECT	Sudbury Landfill 5/2 Remediation	39 REPORT No.	39		
---------	----------------------------------	---------------	----	--	--

DATE

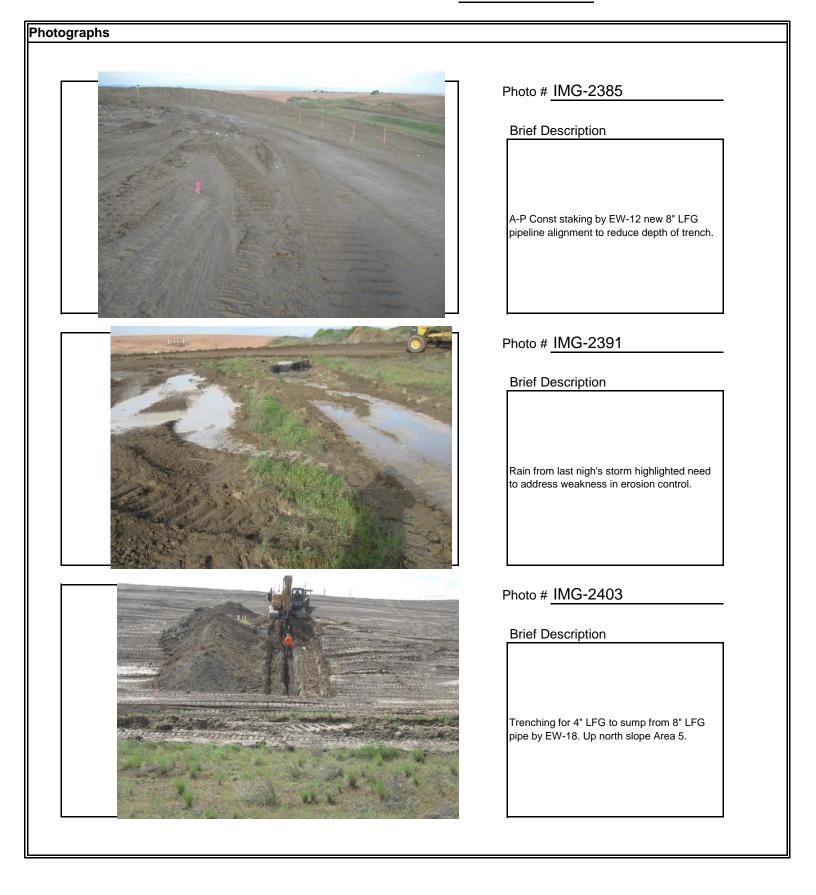
05/05/16

Time	orders given a	nd received, discussions with contractor, and any applical	ble statements for the monthly estimate.				
7:00	Crushers all done - Cat 312 digging 8" LFG trench Area 5 north per new stakes tie into sump.						
7:00 to 3:30	2 Scrapers running from Bar	row site to N Toe slope & SW corner of Area 5					
	D6 Dozer grading shaping	g north slope with scrapers					
7:00 to 3:30	Grader with ripper to process	s barrow site & shaping haul road					
7:00 to 3:30	Cat -312 trenching/bedding 4	4" LFG main north of Compost Rd					
12:30 to 3:30	Cat -320 digging sump for pu	ump station, hose broke on compactor down rest of	f day.				
	Humbert hauling and stockpi	iling drain rock & crushed gravel for wells & pip trer	nches to area 1 & 2 & 5				
	MHGC crew are insalling	4" LFG main Area 2 - Air line tie into Area 6 s	system				
eld Tests P	erformed	Location	Results				
None							

**INSPECTOR** J. Petty

REVIEWER

39 REPORT No. DATE 39 05/05/16









### Photo # IMG-2404

#### **Brief Description**

Garbage in trench by monitoring well below new EW-18.

# Photo # IMG-2364

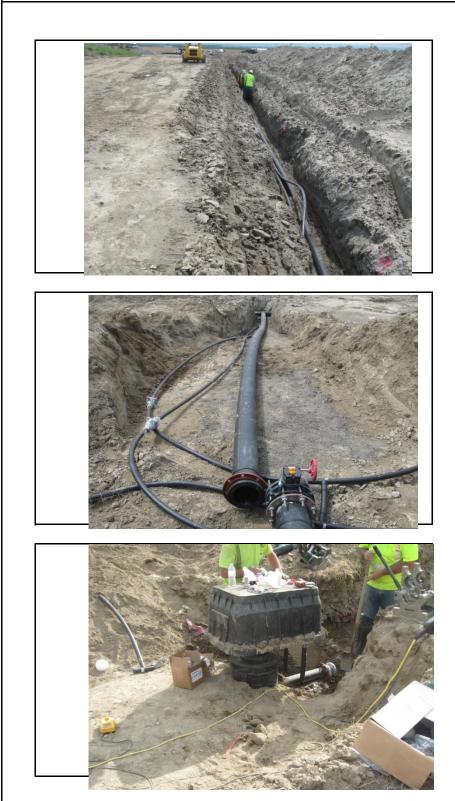
**Brief Description** 

Garbage removed from trench by monitoring well. North Slope area 5.

## Photo # IMG-2411

Brief Description

Backfilling around LS east side of Area 2



## Photo # IMG-2412

#### **Brief Description**

Installing 1.5" air line " 1.5" condensate HDPE mains south towards Compost Rd from tie -in to area 6 system.

## Photo # IMG-2369

**Brief Description** 

W. view of 8" Valve installed at tie in Pt of HDPE LFG main

### Photo # IMG-2370

**Brief Description** 

LS Area 2 0+00 - connecting HDPE pipe



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

# **PROJECT OBSERVATION REPORT**

REPORT NO.		40					
DATE	0	5/06/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					
	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH	trace	rain last nigh	it +am	
APPROX. TEN	MP. RAN	IGE			53 - 7	74	

Aver	rage Field	d Work Force		-					
Na	ame of Contr	actor and/or Subcontractor(s)	Superintendents/Foreman	Operators	Labo	orers		Remar	ks
Α.	Culbert Co	onstruction	Kory Ellison	8		1		Crushing	Ops
C.	MHGC		Chance Chacon	1	:	2	well p	oiping & co	onnections
Equi	ipment at	the Site							
	Opera	ting Contractor's ID (A - E, see ab	ove)						
		Equ	pment - ID No, and Description			Opr	Stdby	Down	Idle
4	1	Cat 312 Excavator trenching Are	a 5 east from EW-18 towards EW-12 on	north slope		1			Х
4	1	Cat 320 Excavator				1			P/T
4	2	Cat 623 F Scraper - 2 hauling fr	om borrrow site to SW Area 5-1 down (ti	re)		2			
4	1	Cat 305 Excavator - help install	Area 2 Lift Sta & backfill						P/T
4	1	Cat D-6N Dozer - sloping cover	material toe Area 5			1			
4	1	Dump Truck Idle							Х
Ą	1	Komatsu WA 320 Loader - back	filling trench with gravel bedding			1			
4	1	Komatsu GD 655 Grader - Fine	Grading Area 5 barrow site haul rd			1			
A	1	Hitachi 450 excavator - idle				1			Х
).		Kabolco ED150 Excavator - P/T	grading & cleanup and materials for wel	l connections					х
С.		Ingersoll-Rand VR-843 - P/T gra	ading & cleanup and materials for well c	onnections					Х
С.		Komatsu Skid Steer - SK 1020 -	P/T grading & cleanup and materials for	r well connections					Х
Job	Site Visit	ors :							
	Time	Name	Re	presenting			R	emarks	
11:	30:00 AM	Frank Nicholson;	Ci	ty of WW		Site Insp	pection - l	Jpdate	

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning ac	dequately?	Yes / 4-7-16
Is there any evidence	of discharge of pollutants into surface waters	or storm system?	containe	d on site	Phote	os Taken?	# 2435 to 2447
Traffic Control	Photos Taken?	no		Inspec	tor On Site H	ours	
	Was Traffic control required today?	light		From	7:00	То	4:00 pm OFF
Was traffic	control according to the approved TC Plan?	n/a		From		То	
Do a	all flaggers have current flagging/TCS cards?	n/a		From		То	

PROJECT	Sudbury Landfill 5/2 Remediation	40 REPORT No.	40	
---------	----------------------------------	---------------	----	--

DATE

05/06/16

Time	orders given and	received, discussions with contractor, and any application	able statements for the monthly estimate.
7:00	Cat 312 digging/bedding 8" LF	FG trench Area 5 north EW18- towards EW 12.	
7:00 to 3:30	2 Scrapers running from Barro	ow site to N Toe slope & SW corner of Area 5	
	D6 Dozer grading shaping	north slope with scrapers	
7:00 to 3:30	Grader with ripper to process	fine tune grading Area 5	
7:00 to 3:30			
2:30 to 3:30	Cat -305 idle MHGC gone for	day	
	Humbert hauling and stockpili	ng drain rock & crushed gravel for wells & pip tre	enches to area 1 & 2 & 5
	MHGC crew left site Thurs	day PM	
eld Tests P	erformed	Location	Results
None			

**INSPECTOR** J. Petty

40 REPORT No. DATE 40 05/06/16





## Photo # IMG-2443

#### **Brief Description**

1.5" pipe under 4" causing min. 1% grade problem. Relocated it around not under 4".

## Photo # IMG-2344

**Brief Description** 

Top view realigned 1/5" to side an slope > 1% resolved

### Photo # IMG-2445

Brief Description

HDPE pipe @ Haul Rd casing - partially full of rocks/concrete Slope < 1%







## Photo # IMG-2446

#### **Brief Description**

Sediment in trench causing slope < 1% cleaned so it is > 1%

## Photo # IMG-2369

**Brief Description** 

SE View angle pt back to Compost Rd

### Photo # IMG-2370

**Brief Description** 

SW view - dozer shaping final cover SW portion of Area 5



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

# **PROJECT OBSERVATION REPORT**

REPORT NO.		41					
DATE	0	5/09/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	CLOUDY MODER.	HIGH	trace	rain last nigh	it +am	
APPROX. TEN	MP. RAN	IGE			42 - 6	62	

Avei	age Field	d Work Force							
Na	me of Contr	ractor and/or Subcontractor(s)	Superintendents/Foreman	Operators	Lab	orers		Remar	ks
Α.	Culbert Co	onstruction	Kory Ellison	8		1		Crushing	Ops
C.	MHGC		Chance Chacon	1		2	well p	oiping & co	onnections
Equi	ipment at	the Site							
	Opera	ting Contractor's ID (A - E, see ab	ove)						
		Equ	pment - ID No, and Description			Opr	Stdby	Down	Idle
٩	1	Cat 312 Excavator - setting back	filling sump/pumps station area 5			1			P/T
٩	1	Cat 320 Excavator - bedding/tre	nching Area 5 east from EW-18 towards	EW-12 on north slope	9	1			
١	2	Cat 623 F Scraper - 2 hauling fr	rom borrrow site			2	Î		
١	1	Cat 305 Excavator - help install	Area 5 Lift Sta & backfill LS Area 2						P/T
٩	1	Cat D-6N Dozer - grading N ditc	h - sloping cover material toe Area 5			1			
A	1	Dump Truck Idle							Х
١	1	Komatsu WA 320 Loader - back	filling trench with gravel bedding			1			P/T
A	1	Komatsu GD 655 Grader - Fine	Grading Area 5 barrow site haul rd			1			
Ą									
).		Kabolco ED150 Excavator - P/T	Moving HDPE pipe for LFG Mains for w	ell connections					P/T
<b>D</b> .		Ingersoll-Rand VR-843 - P/T Mo	oving HDPE pipe for LFG Mains for well	connections					P/T
C.		Komatsu Skid Steer - SK 1020 -	Moving HDPE pipe for LFG Mains for w	vell connections					P/T
Job	Site Visit	ors :							
	Time	Name	Re	presenting			R	emarks	
11:	00:00 AM	Frank Nicholson;	C	ity of WW		Site Ins	pection - l	Jpdate	

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning ac	lequately?	Yes / 4-7-16
Is there any evidence	of discharge of pollutants into surface waters	or storm system?	containe	d on site	Phote	os Taken?	# 2448 to 2470
Traffic Control	Photos Taken?	no		Inspec	tor On Site H	ours	
	Was Traffic control required today?	light		From	7:00	То	5:00 pm OFF
Was traffic	control according to the approved TC Plan?	n/a		From		То	
Do a	all flaggers have current flagging/TCS cards?	n/a		From		То	

PROJECT	Sudbury Landfill 5/2 Remediation	4	1	REPORT No.	4	1	
---------	----------------------------------	---	---	------------	---	---	--

DATE

05/09/16

Time	orders given ar	nd received, discussions with contractor, and any applica	ble statements for the monthly estimate.
7:00		FG trench Area 5 north EW18- towards EW 12.	
7:00 to 3:30	2 Scrapers running from Barr	row site to N Toe slope & SW corner of Area 5- ha	uling N ditch excess to top Area 5
	D6 Dozer grading shaping	north ditch with scrapers & Grading North Ditch	
7:00 to 3:30	Grader with ripper to process		
7:00 to 3:30			
9:30 to 3:30	Cat -312 Setting sump/pump	station Area 5 piling excess dirt for scrapers on ne	orth ditch
	Humbert hauling and stockpi	ling drain rock & crushed gravel for wells & pipe tr	enches to area 1 & 2 & 5
	MHGC crew moving /weld	ling HDPE pipe to place in trench EW-18 to I	EW-12
eld Tests F	Performed	Location	Results
None			

**INSPECTOR** J. Petty

41 REPORT No. DATE 41 05/09/16





### Photo # IMG-2456

#### **Brief Description**

N view Garbage removed from 4" LFG trench · N Sump to EW-18

## Photo # IMG-2459

**Brief Description** 

S view - N Sump installation towards EW-18

### Photo # IMG-2463

**Brief Description** 

W view 4" LFG main - 1.5" FM & air lines -Area 2 towards EW-19







Photo # IMG-2464

**Brief Description** 

NW view of 8" LFG Main near curve in alignment by EW-12 (Sta 11+00)

## Photo # IMG-2465

**Brief Description** 

N view of concrete ditch rough grading/excavating

Photo # IMG-2466

Brief Description

W view of concrete ditch rough grading/excavating







### Photo # IMG-2468

#### **Brief Description**

W view of 8" LFG main being welded together to drop in ditch by T to EW-13

## Photo # IMG-2469

**Brief Description** 

S view of 8" LFG main with 4" T being welded together to drop in ditch by T to EW-17

### Photo # IMG-2470

**Brief Description** 

N view of 4" LFG trench EW-17 to 8" LFG main



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

# **PROJECT OBSERVATION REPORT**

REPORT NO.		42					
DATE	0	5/10/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					
	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					40 -	74	
WIND	-	CLOUDY MODER.		SHOWERS	RAIN	snow	

Ave	rage Field	d Work Force								
Na	ame of Contr	of Contractor and/or Subcontractor(s) Superintendents/Foreman Operators La						aborers Remarks		
Α.	Culbert Co	onstruction	Ko	ry Ellison	8		1	4" EV	/ trenches	on Area 5
C.	MHGC		Char	ice Chacon	1		2	weldin	g/moving	LFG mains
Equi	ipment at	t the Site								
	Opera	ting Contractor's ID (A - E, see ab	ove)							
		Equ	pment - ID No, a	nd Description			Opr	Stdby	Down	Idle
Ą	1	Cat 312 Excavator - grading nor	th ditch				1			
Ą	1	Cat 320 Excavator bedding/trend	ching Area 5 south	from 8" LFG mains to E	EW-13/15/17 north s	lope	1			
Ą	2	Cat 623 F Scraper - 2 hauling fr	om borrrow site to	SW Area 5-1 down (tire	e)		2			
٩	1	Cat 305 Excavator - help install	Cat 305 Excavator - help install Area 5 Lift Sta & backfill LS Area 2 X							Х
4	1	Cat D-6N Dozer - grading N ditch - sloping cover material toe Area 5 1								
4	1	Dump Truck Idle								Х
4	1	Komatsu WA 320 Loader - back	filling trench with g	gravel bedding			1			
4	1	Komatsu GD 655 Grader - Fine	Grading Area 5 ba	rrow site haul rd			1			
٩	1	Hitachi 450 excavator - idle					1			Х
<b>)</b> .		Kabolco ED150 Excavator - P/T	Moving HDPE pip	e for LFG Mains for well	connections					P/T
С.		Ingersoll-Rand VR-843 - P/T Me	oving HDPE pipe f	or LFG Mains for well co	onnections					P/T
С.		Komatsu Skid Steer - SK 1020 - Moving HDPE pipe for LFG Mains for well connections       P/1						P/T		
Job	Site Visit	tors :								
	Time	Name		Rep	resenting			R	emarks	
11:	00:00 AM	Frank Nicholson;		City	of WW		Site Insp	pection - l	Jpdate	

Erosion Control	In Place?	Const E	ntrance	Functioning ad	dequately?	Yes / 4-7-16	
Is there any evidence	or storm system?	containe	d on site	Phot	os Taken?	# 2471 to 2524	
Traffic Control	no		Inspec	tor On Site H	ours		
	Was Traffic control required today?			From	7:00	То	5:00 pm OFF
Was traffic	n/a		From		То		
Do a	Do all flaggers have current flagging/TCS cards?					То	

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	42 REPORT No.	42	
---	---------------	----	--

**DATE** 05/10/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.					
7:00 Cat 312 digging/stockpiling excess soil for Scrapers to haul to Area 5						
7:00 to 3:30	2 Scrapers running from Barrow sit	e to N Toe slope & SW corner of Area 5- ha	uling N ditch excess to top Area 5			
	D6 Dozer grading shaping north	slope with scrapers & Grading North Ditch				
7:00 to 3:30	Grader with ripper to process fine t	une grading Area 5				
7:00 to 3:30	Cat 320 digging/bedding 4" LFG tre	enchs Area 5 north 8"- towards EW 13/15 &	17			
7:00 to 3:30	Cat -305 idle					
	Humbert hauling and stockpiling dr	ain rock & crushed gravel for wells & pip trer	nches to area 1 & 2 & 5			
	MHGC crew moving /welding H	DPE pipe to place in trench EW-18 to E	EW-12 & EW-17/EW-15 & EW-13			
eld Tests P	lerformed	Location	Results			
ested Area 2 - 4" LFG main 8:36 to 10:00 m		Area 2	PASS - No Loss in pressur			
pies Sent	-					

**INSPECTOR** J. Petty

42 REPORT No. \_\_\_\_\_ DATE 42 05/10/16





# Photo # IMG-2479

#### **Brief Description**

Easterly view from Area 5 sump towards excavation for ditch

# Photo # IMG-2482

**Brief Description** 

Westerly view of excavation dozer/scraper/excavator

## Photo # IMG-2483

**Brief Description** 

View of cleaned out DI pipe under haul road Area 2







## Photo # IMG-2496

#### **Brief Description**

View of new pressure guage to test 4" LFG main area 2

## Photo # IMG-2503

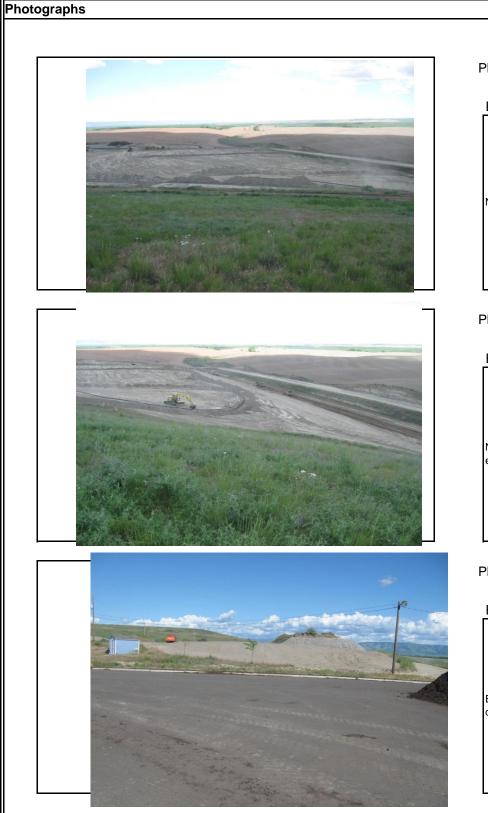
**Brief Description** 

Southerly view of excavator bedding 4" LFG main towards EW-13

### Photo # IMG-2507

**Brief Description** 

Closeup - Easterly view of borrow site



# Photo # IMG-2513

**Brief Description** 

NW overview of LFG trenches in Area 5

# Photo # IMG-2515

**Brief Description** 

NW view of LFG NE trenches - concrete ditch excavation Area 5

## Photo # IMG-2523

Brief Description

Easterly view of reclaimed site where concrete pile used to be



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

# **PROJECT OBSERVATION REPORT**

REPORT NO.		43					
DATE	0	5/11/16	6				
DAY	S	М	Т	W	TH	F	S
,			-				
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEM		50 - 7	79				

	-	d Work Fo		Que a rie	4	/=	0	- 1	ا مام			Demen	
Na		of Contractor and/or Subcontractor(s) Superintendents					Opera		Laborers		Remarks		
Α.		onstruction			Kory Ellis		8	}		1		trenching	
C.	MHGC			Ch	ance Ch	acon	1			2	weldin	g/moving	LFG main
qu	-	t the Site											
	Opera	ating Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No,	and Des	cription				Opr	Stdby	Down	Idle
	1	Cat 312 Ex	cavator trenching No	rth Ditch Area 5						1			P/T
	1	Cat 320 Ex	cavator - backfilling A	rea 5 trenches						1			
	2	Cat 623 F	Scraper - 2 hauling fr	om borrrow site	to SW A	rea 5-1 down (tire	e)			2			
	1	Cat 305 Ex	cavator - help install	Area 5 Lift Sta &	backfill	LS Area 2							Х
	1	Cat D-6N	Dozer - grading N ditc	h - sloping cover	r materia	l toe Area 5				1			
	1	Dump Truc	ck Idle										Х
	1	Komatsu V	VA 320 Loader - settir	ng meter boxes /	Area 1 &	5				1			P/T
	1	Komatsu G	GD 655 Grader - Fine	Grading Area 5	barrow s	ite haul rd				1			
	1	Hitachi 450	) excavator - idle							1			Х
		Kabolco El	D150 Excavator - P/T	Moving HDPE p	pipe for L	FG Mains for well	connectio	ns					P/T
		Ingersoll-R	and VR-843 - P/T Mo	oving HDPE pipe	e for LFG	Mains for well co	nnections						P/T
		Komatsu S	Skid Steer - SK 1020 -	Moving HDPE	pipe for I	FG Mains for wel	l connectio	ons					P/T
ob	Site Visi	tors :									<u>  </u>		
	Time		Name			Representing			Remarks				
	11:00	F. Nicholso	on; J Petty; D. Taam, (	C Schwyn	City of WW			Site Inspection - Update					
	11:00	K. Ellison,	D DeRousie, C. Chac	on; A Fazzari	Colbert	Colbert Const / MHGC / J-U-B				Weekly Const Meeting			
rosion Control Are erosion control measures and BM			BMPs:	In Place?	Const E	ntrance	Funct	ctioning adequately? Yes / 4-7-		/ 4-7-16			
Is there any evidence of discharge of pollutants into surface wa			waters	or storm system?	containe	d on site		Photo	s Taken?	# 252	5 to 2556		
raf	fic Contr	ol		Photos	Taken?	no	no Inspector On			n Site Hours			
			Was Traffic	control required	today?	light From 7		7:	7:00 To 5:00 pm		pm OFF		
		Was traffic	control according to t	he approved TC	Plan?	n/a	n/a From				То		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

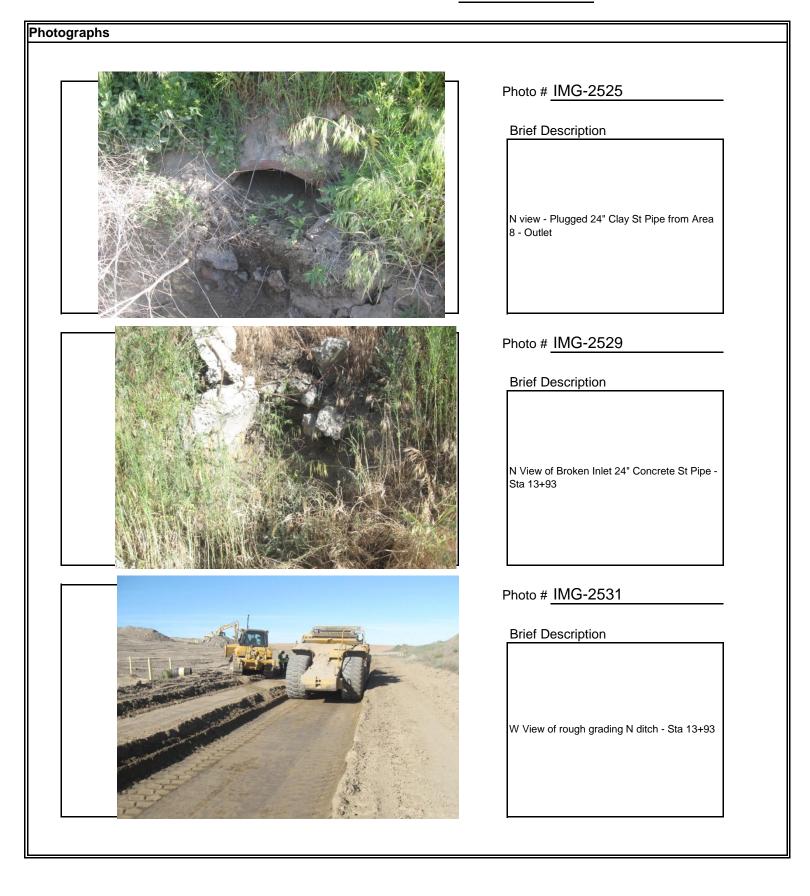
PROJECT	Sudbury Landfill 5/2 Remediation	43 REPORT No.	43	
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**DATE** 05/11/16

Time	orders given and rec	eived, discussions with contractor, and any applicable stat	ements for the monthly estimate.			
7:00	Cat 312 digging/bedding 8" LFG trench Area 5 north EW18- towards EW 12 & 4" LFG mains to EW's					
7:00 to 3:30	2 Scrapers running from Barrow s	ite to N Toe slope & SW corner of Area 5- hauling N	I ditch excess to top Area 5			
	D6 Dozer grading shaping north	a slope with scrapers & Grading North Ditch				
2:00 to 3:30	Grader with ripper to process fine	tune grading Area 5				
7:00 to 3:30						
2:30 to 3:30	Cat -305 idle					
	Humbert hauling and stockpiling d	rain rock & crushed gravel for wells & pip trenches	to area 1 & 2 & 5			
	MHGC crew moving /welding H	HDPE pipe to place in trench EW-13; EW-15;	EW-17 testing LFG mains			
	Walla Walla Electric placing P	VC Conduit Well House to Meter Vaults & Are	a 1			
ield Tests Performed		Location	Results			
Air Test 4" LFG Main - 8:56 to 12:42		Area 1 - 4" LFG Main	PASSED - no pressure los			

**INSPECTOR** J. Petty

43 REPORT No. DATE 43 05/11/16





### Photo # IMG-2534

#### **Brief Description**

Revised location of electrical conduit into Flare bldg

# Photo # IMG-2535

**Brief Description** 

Pressure test 4" LFG by flare bldg - start 9:10 am

## Photo # IMG-2538

Brief Description

Setting meter vault Area 1





## Photo # IMG-2543

#### **Brief Description**

8" LFG main in trench by EW-13 connection

## Photo # IMG-2544

**Brief Description** 

Electrical conduit for LFG meter Area 2/5 - wellhouse

### Photo # IMG-2546

**Brief Description** 

N View of 4"LFG & 1.5" FM & air to sump/pump station



Photo # IMG-2548

**Brief Description** 

W. view of North ditch grading near CMP outlet

Photo # IMG-2552

**Brief Description** 

W View of 8"LFG & 1.5" FM & air - splice

## Photo # IMG-2555

Brief Description

S View of 8"LFG main splice by Area 2/5 meter & Tee



PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

# **PROJECT OBSERVATION REPORT**

REPORT NO.		44					
DATE	0	5/12/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	CLOUDY MODER.	HIGH				
L							
APPROX. TEM	MP. RAN	IGE			55 - 8	33	

Ave	rage Fleid	d Work Force							
Na	ame of Conti	ractor and/or Subcontractor(s)	Superintendents/Foreman	Operators	Lab	orers		Remark	(S
Α.	Culbert Co	onstruction	Kory Ellison	8		1	HDPE	trenching	/ N. Ditch
C.	MHGC		Chance Chacon	1		2	weldin	ig/moving	LFG mains
Equ	ipment at	t the Site							
	Opera	ting Contractor's ID (A - E, see ab	ove)						
		Equ	pment - ID No, and Description			Opr	Stdby	Down	Idle
٩	1	Cat 312 Excavator Grading Nort	h ditch backfilling trenchs Area 5			1			
Ą	1	Cat 320 Excavator - Backfilling	Area 2 trenches with tape			1			
Ą	2	Cat 623 F Scraper - 2 hauling fr	om borrrow site to SW Area 5-1 down (ti	re)		2			
٩	1	Cat 305 Excavator - help install	Area 5 Lift Sta & backfill LS Area 2						P/T
Ą	1	Cat D-6N Dozer - grading N ditc	h - sloping cover material toe Area 5			1			
Ą	1	Dump Truck Idle							Х
Ą	1	Komatsu WA 320 Loader - back	filling trench with gravel bedding			1			
Ą	1	Komatsu GD 655 Grader - Fine	Grading ditches north side of Compost R	d		1			
Ą	1	Hitachi 450 excavator - idle				1			Х
<b>)</b> .		Kabolco ED150 Excavator - P/T	Moving HDPE pipe for LFG Mains for we	Il connections					P/T
С.		Ingersoll-Rand VR-843 - P/T Me	oving HDPE pipe for LFG Mains for well o	connections					P/T
С.		Komatsu Skid Steer - SK 1020 -	Moving HDPE pipe for LFG Mains for w	ell connections					P/T
Job	Site Visit	tors :							
	Time	Name	Re	oresenting			R	emarks	
11	:20:00 AM	Frank Nicholson;	Ci	ty of WW		Site Insp	pection - l	Jpdate	

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning a	dequately?	Yes / 4-7-16
Is there any evidence	of discharge of pollutants into surface waters	or storm system?	containe	d on site	Phot	os Taken?	# 2557 to 2586
Traffic Control	Photos Taken?	no		Inspec	tor On Site ⊦	lours	
	Was Traffic control required today?	light		From	7:00	То	5:00 pm OFF
Was traffic	control according to the approved TC Plan?	n/a		From		То	
Do a	all flaggers have current flagging/TCS cards?	n/a		From		То	

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	44 REPORT No.	44	
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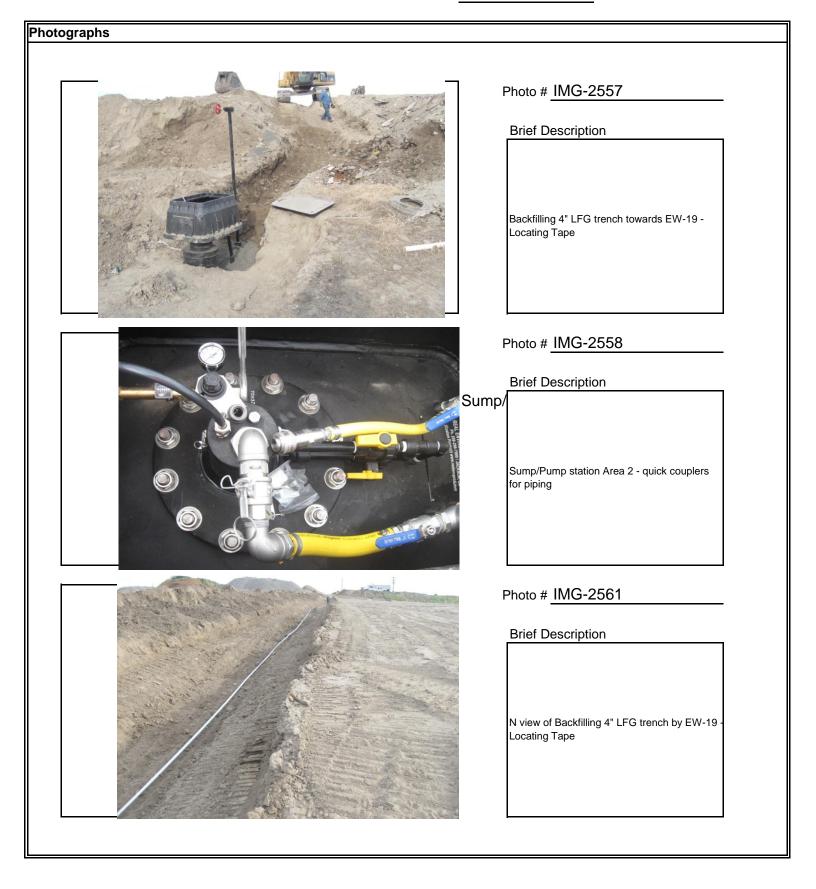
DATE

05/12/16

	orders given and receiv	ved, discussions with contractor, and any applicable s	statements for the monthly estimate.
7:00	Cat 312 Backfilling compacting trend	ches Area 2	
7:00 to 3:30	2 Scrapers running from Barrow site	e to N Toe slope & SW corner of Area 5- hauling	g N ditch excess to top Area 5
	D6 Dozer grading shaping north	slope with scrapers & Grading North Ditch	
7:00 to 3:30	Grader with ripper to process / fine g	grading ditch along compost Rd - Area 5 gradin	g
7:00 to 3:30	Cat -305 idle		
	Cat -305 idle		
	Humbert hauling and stockpiling dra	in rock & crushed gravel for wells & pip trenche	es to area 1 & 2 & 5
		у	
	MHGC crew moving /welding HI	DPE pipe to place in trench EW-18 to EW-	-12
	Tested Area 2 1.5" Air line & 1.5	" FM at same time 8:26 to 9:47 no pressu	ire loss - Passed
	Walla Walla Electric installed co	nduit	
			Posulto
eld Tests F	Performed	Location	Results
	Performed	Location	Results NO Loss - Passed

**INSPECTOR** J. Petty

44 REPORT No. DATE 44 05/12/16



\\DATA64\Engine\PROJECTS\Inspection Report Database







## Photo # IMG-2563

#### **Brief Description**

W view of ditching towards Compost Rd by 4" LFG crossing

# Photo # IMG-2565

**Brief Description** 

Pressure test for 1.5" FM at Area 2 sump/pump station - 8:26 AM

## Photo # IMG-2571

**Brief Description** 

No. view of Area 2 conduit to 2/5 meter vault by barrier to Compost Rd









# Photo # IMG-2572

#### **Brief Description**

E. view of final grading North concrete ditch line

# Photo # IMG-2574

**Brief Description** 

So. View of 4" LFG & 1.5" air & FM from pump/sump station to 8" Main

## Photo # IMG-2581

Brief Description

No. view of 4" LFG main N Area 2 towards Compost Rd







## Photo # IMG-2582

#### **Brief Description**

So. view of 4" LFG main N Area @ Compost Rd water main xing

# Photo # IMG-2583

**Brief Description** 

E view of ditching Compost Rd by 4" LFG crossing

# Photo # IMG-2555

Brief Description

East view of Electrofusion coupler @ EW-14 (Sta 7+28)



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

# **PROJECT OBSERVATION REPORT**

REPORT NO.		45					
DATE	0	5/13/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				I
APPROX. TEM	MP. RAN	IGE			50 - 8	33	

	-	d Work Force				r				
Na	ame of Conti	ractor and/or Subcontractor(s)	Superinte	endents/Foreman	Operators	Lab	orers		Remar	ks
Α.	Culbert Co	onstruction	Kc	ory Ellison	8		1	HDPE	trenching	/ N. Ditch
C.	MHGC		Cha	nce Chacon	1		2	weldin	g/moving	LFG main
Equ	ipment at	the Site								
	Opera	ting Contractor's ID (A - E, see ab	ove)							
		Equi	pment - ID No, a	and Description			Opr	Stdby	Down	Idle
٩	1	Cat 312 Excavator bedding/trend	ching Area 5 east	from EW-18 towards E	W-12 on north slope		1			
4	1	Cat 320 Excavator - loading 2" n	ninus for Haul Rd	Improvements			1			
٩	0	Cat 623 F Scraper - 2 hauling fr	om borrrow site to	o SW Area 5-1 down (t	re)		2			
٩	1	Cat 305 Excavator - excavting tr	ench for HDPE a	nchor along North Ditch	1					Х
4	1	Cat D-6N Dozer - grading N ditc	h - sloping cover	material toe Area 5			1			
Ą	1	Dump Truck Hauling 2" minus G	ravel				1			
٩	1	Komatsu WA 320 Loader - back	filling trench with	gravel bedding			1			
Ą	1	Komatsu GD 655 Grader - Fine	Grading 2" minus	for haul rd Imp			1			
Ą	1	Hitachi 450 excavator - idle								Х
<b>)</b> .		Kabolco ED150 Excavator - P/T	Moving HDPE pi	pe for LFG Mains for w	ell connections					Х
<b>C</b> .		Ingersoll-Rand VR-843 - P/T Mo	oving HDPE pipe	for LFG Mains for well	connections					Х
С.		Komatsu Skid Steer - SK 1020 -	Moving HDPE p	ipe for LFG Mains for w	vell connections					Х
Job	Site Visit	ors :								
	Time	Name		Re	presenting			R	emarks	
11	:10:00 AM	Frank Nicholson;		С	ity of WW		Site Insp	pection - l	Jpdate	

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning a	dequately?	Yes / 4-7-16
Is there any evidence	of discharge of pollutants into surface waters	or storm system?	containe	d on site	Phot	os Taken?	# 2587 to 2616
Traffic Control	Photos Taken?	no		Inspec	tor On Site H	lours	
	Was Traffic control required today?	light		From	7:00	То	5:00 pm OFF
Was traffic	control according to the approved TC Plan?	n/a		From		То	
Do a	all flaggers have current flagging/TCS cards?	n/a		From		То	

PROJECT S	udbury Landfill 5/2 Remediation	45	REPORT No.	45	
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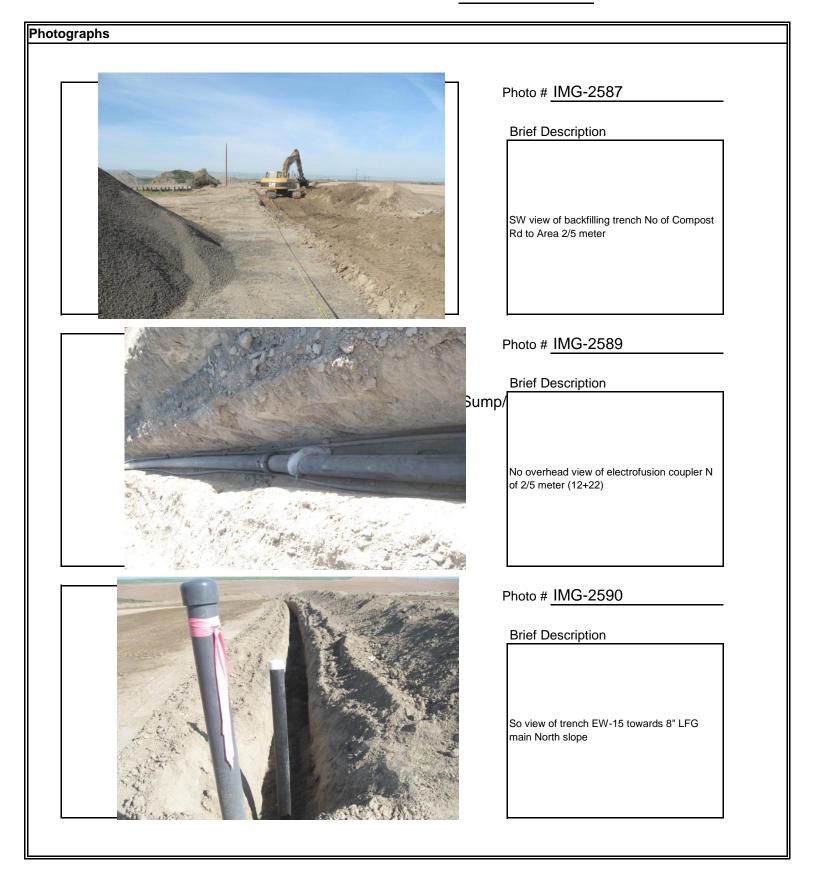
DATE

05/13/16

Time	orders given and	received, discussions with contractor, and any application	able statements for the monthly estimate.
7:00	Cat 312 digging/bedding 8" LF	G trench Area 5 north EW18- towards EW 12 &	4" LFG mains to EW's
	Cat 320 Loading 2" minus into	Dump Truck	
7:00 to 3:30	0 Scrapers running from Barro	w site to N Toe slope & SW corner of Area 5- ha	auling
	D6 Dozer grading shaping r	north slope with scrapers & Grading North Ditch	
7:00 to 3:30	Grader with ripper to process t	fine tune grading Area 5	
7:00 to 3:30	Truck hauling 2" minus for H	Haul roads - 119.62 tons	
2:30 to 3:30	Cat -305 digging trench for HE	OPE liner anchor along north concrete ditch	
	Humbert hauling and stockpili	ng drain rock & crushed gravel for wells & pip tre	nches to area 1 & 2 & 5
	MHGC crew OFF		
eld Tests P	erformed	Location	Results
None			

**INSPECTOR** J. Petty

45 REPORT No. DATE 45 05/13/16









# Photo # IMG-2592

#### **Brief Description**

SW view of electrical conduit @ flare building

# Photo # IMG-2593

**Brief Description** 

W view of N Ditch - trenching for liner anchor

# Photo # IMG-2595

**Brief Description** 

NE view of Area 5 sump/pump sta with LFG valve







Photo # IMG-2597

**Brief Description** 

Overview of 8" LFG pipe by EW-12 - ditch grading NE corner Area

Photo # IMG-2601

**Brief Description** 

SW Overview SE corner Area 5 backfinling Area 2 trench & hauling 2" minus

Photo # IMG-2606

Brief Description

Compost detour haul road above Area 2 to keep facility open



## Photo # IMG-2609

#### **Brief Description**

East view of 8" LFG main @ EW-18 - 8" CO @ 8 X 8 X 4 tee

# Photo # IMG-2614

**Brief Description** 

So View of 4" LFG trench from Area 2 (Sta 13+80)

# Photo # IMG-2615

**Brief Description** 

East View of 8" LFG trench from Area 2/5 to meter vault



PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

# **PROJECT OBSERVATION REPORT**

REPORT NO.		46					
DATE	0	5/16/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					
VV E, (111)E1(	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN	MP. RAN	IGE			51 - 7	70	

N	ame of Contr	ractor and/or Subcontractor(s)	Superintendents/Foreman	Operators	Lab	orers		Remark	s
A.	Culbert Co	onstruction	Kory Ellison	6		1	HDPE	trenching	/ N. Ditch
C.	MHGC		Chance Chacon	1		2	weldin	g/moving	LFG mair
qu	ipment at	the Site					<b></b>		
	Opera	ting Contractor's ID (A - E, see ab	ove)						
		Equi	pment - ID No, and Description			Opr	Stdby	Down	Idle
	1	Cat 312 Excavator bedding/trend	ching Area 5 east from EW-18 towards	EW-12 on north slope		0			Х
	1	Cat 320 Excavator - loading 2" n	ninus for Haul Rd Improvements			1			P/T
	0	Cat 623 F Scraper - 2 hauling fr	om borrrow site to SW Area 5-1 down	tire)		0			Х
	0	Cat 305 Excavator - excavting tr	ench for HDPE anchor along North Dite	h					Х
<b>`</b>	1	Cat D-6N Dozer - grading Haul r	d to Compost			1			
	1	Dump Truck Hauling 2" minus G	ravel			1			
	1	Komatsu WA 320 Loader - back	filling trench with gravel bedding & loac	ing truck with 2" minus		1			P/T
	1	Komatsu GD 655 Grader - Fine	Grading 2" minus for haul rd Imp			1			
		Kabolco ED150 Excavator - P/T	Moving HDPE pipe for LFG Mains for v	vell connections					Х
).		Ingersoll-Rand VR-843 - P/T Mo	oving HDPE pipe for LFG Mains for wel	connections					Х
).		Komatsu Skid Steer - SK 1020 -	Moving HDPE pipe for LFG Mains for	well connections					Х
ob	Site Visit	ors :							
	Time	Name	R	epresenting			R	emarks	
11	:10:00 AM	Frank Nicholson;		City of WW		Site Insp	pection - l	Jpdate	

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning a	dequately?	Yes / 4-7-16
Is there any evidence	of discharge of pollutants into surface waters	or storm system?	containe	d on site	Pho	tos Taken?	# 2617 to 2642
Traffic Control	Photos Taken?	no		Inspec	tor On Site I	lours	
	Was Traffic control required today?	light		From	7:00	То	5:00 pm OFF
Was traffic	control according to the approved TC Plan?	n/a		From		То	
Do a	all flaggers have current flagging/TCS cards?	n/a		From		То	

05/16/16 DATE

Time	orders given and	received, discussions with contractor, and any appli	cable statements for the monthly estimate.
7:00	Cat 312 Idle		
	Cat 320 Loading 2" minus into	Dump Truck	
7:00 to 3:30	0 Scrapers running from Barro	w site to N Toe slope & SW corner of Area 5-I	nauling
	D6 Dozer grading shaping r	road to Compost area	
7:00 to 3:30	Grader processing 2" minus o	onto Haul rd to Compost	
7:00 to 3:30	Truck hauling 2" minus for H	Haul roads - 238.92 tons	
12:30 to 3:30	Cat -305 on Standby		
	Humbert hauling and stockpili	ng drain rock & crushed gravel for wells & pipe	trenches to area 1 & 2 & 5
	MHGC crew wilding nine &	headers to EW testing 1.5" Aire and FM A	Area 5
ield Tests P	erformed	Location	Results
None			

**INSPECTOR** J. Petty

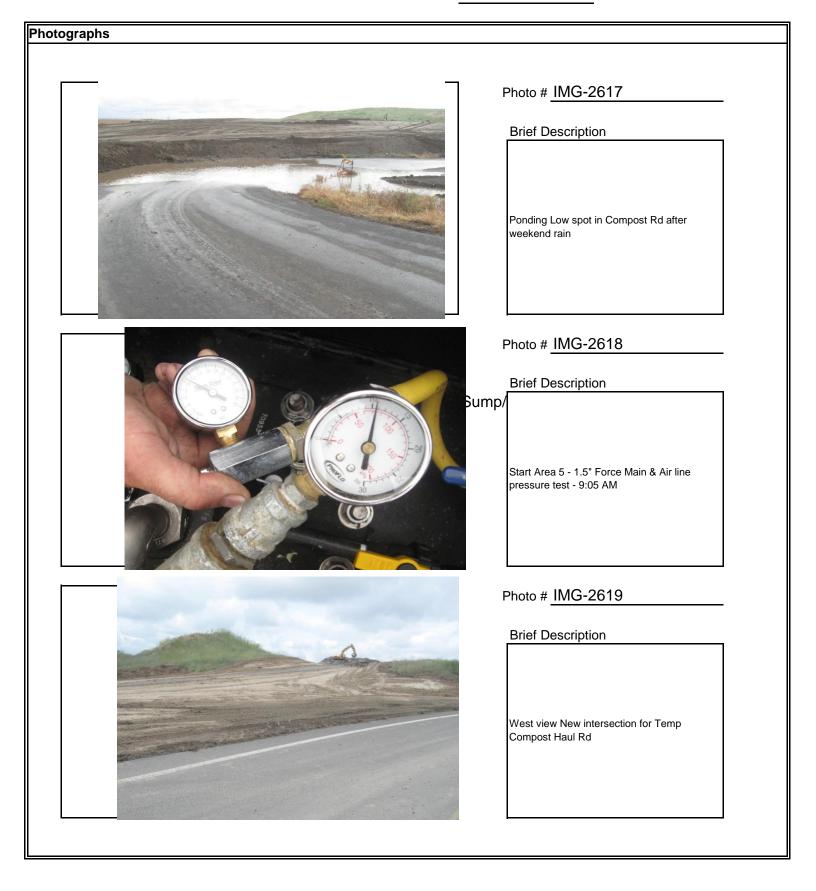
PROJECT

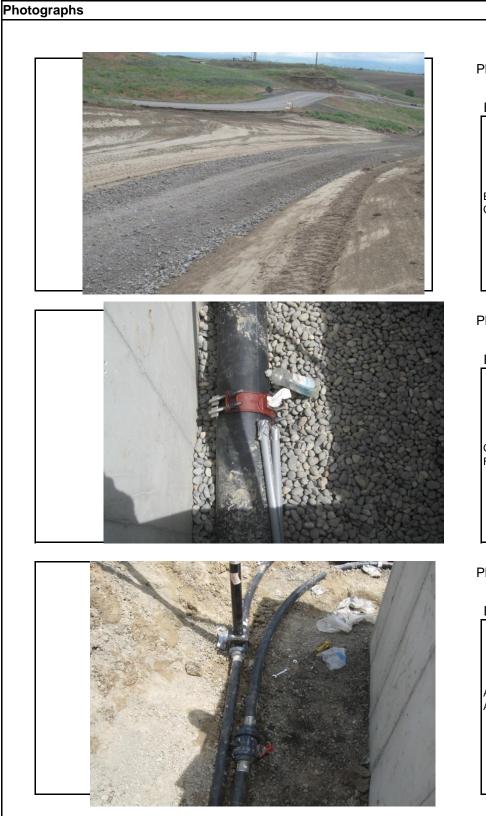
REVIEWER

Sudbury Landfill 5/2 Remediation 46 REPORT No.

46

46 REPORT No. DATE 46 05/16/16





# Photo # IMG-2625

**Brief Description** 

East view of New intersection for Temp Compost Haul Rd

# Photo # IMG-2627

**Brief Description** 

Conduit in meter vault @ tap in 4" main by Flare

# Photo # IMG-2628

Brief Description

Area 5 FM and Air line valves north side of Area 2/5 meter vault







## Photo # IMG-2629

#### **Brief Description**

North view of 8" LFG / FM / Air Line trench towards North Slope Area 5

# Photo # IMG-2632

**Brief Description** 

Easterly view of 8" LFG trench with gravel backfill in pipe zone by EW-14

## Photo # IMG-2635

Brief Description

East view of temp access @ curb onto Compost Pad



Photo # IMG-2637

**Brief Description** 

Conduit stubbed to LF Flare building

# Photo # IMG-2641

**Brief Description** 

East view of Conctete ditch @ outlet - drain rock infiltration area

## Photo # IMG-2642

Brief Description

S view of EW-20 connection to LFG main by flare



PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

# **PROJECT OBSERVATION REPORT**

REPORT NO.		47					
DATE	0	5/17/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					
,	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX, TEMP, RANGE					49 - 7	<i>(</i> 6	

Avei	rage Field	d Work Force			-					
Na	ame of Conti	ractor and/or Subcontractor(s)	Superintendents/Foreman	nts/Foreman Operators L		Laborers		Remarks		
Α.	Culbert Co	onstruction	Kory Ellison	6		1	HDPE	trenching	/ N. Ditch	
C.	MHGC		Chance Chacon	1		2	weldin	g/moving	LFG mains	
Equi	ipment at	the Site								
	Opera	ting Contractor's ID (A - E, see ab	ove)							
		Equ	pment - ID No, and Description			Opr	Stdby	Down	Idle	
Ą	1	Cat 312 Excavator bedding/trend	ching Area 5 east from EW-18 towards E	W-12 on north slope		0			Х	
4	1	Cat 320 Excavator - loading 2" r	ninus for Haul Rd Improvements			1			P/T	
٩	0	Cat 623 F Scraper - 2 hauling fr	om borrrow site to SW Area 5-1 down (tir	re)		0			Х	
٩	0	Cat 305 Excavator - excavting tr				Х				
4	1	Cat D-6N Dozer - grading Haul r	1							
4	1	Dump Truck Hauling 2" minus G	ravel			1				
٩	1	Komatsu WA 320 Loader - back	filling trench with gravel bedding & loadin	g truck with 2" minus		1			P/T	
Ą	1	Komatsu GD 655 Grader - Fine	Grading 2" minus for haul rd Imp			1				
<b>)</b> .		Kabolco ED150 Excavator - P/T	Moving HDPE pipe for LFG Mains for we	II connections					Х	
<b>C</b> .		Ingersoll-Rand VR-843 - P/T Mo	oving HDPE pipe for LFG Mains for well o	onnections					Х	
С.		Komatsu Skid Steer - SK 1020 -	Moving HDPE pipe for LFG Mains for w	ell connections					Х	
Job	Site Visit	ors :								
	Time	Name	Rep	presenting			R	emarks		
11:	:10:00 AM	Frank Nicholson;	Cit	ty of WW		Site Insp	pection - l	Jpdate		

Erosion Control	Are erosion control measures and BMPs:	In Place?	Const E	ntrance	Functioning a	Yes / 4-7-16	
Is there any evidence	or storm system?	containe	d on site	Phot	os Taken?	# 2617 to 2642	
Traffic Control	Photos Taken?	no		Inspector On Site Hours			
	Was Traffic control required today?	light		From	7:00	То	5:00 pm OFF
Was traffic	n/a		From		То		
Do a	Do all flaggers have current flagging/TCS cards?			From		То	

**INSPECTOR** J. Petty

7:00 to 3:30	Truck hauling 2" minus for Haul roads -	72.47 tons					
12:30 to 3:30	Cat -305 on Standby						
	Humbert hauling and stockpiling drain rock	& crushed gravel for wells & pipe trenches to area 1 & 2 a	& 5				
	MHGC crew installing header pipes to EW's and drilling holes for bollards						
Field Tests Pe	erformed	Location	Results				
None							
Copies Sent 1	ō						

orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

Sudbury Landfill 5/2 Remediation47REPORT No.47

Cat 320 Loading 2" minus into Dump Truck

D6 Dozer grading shaping road to Compost area

Grader processing 2" minus onto Haul rd to Compost

PROJECT

Time

7:00

7:00 to 3:30

7:00 to 3:30

Cat 312 Idle

DATE

General Observations and Discussions Including but not limited to: a report of the day's operations, time log (if applicable),

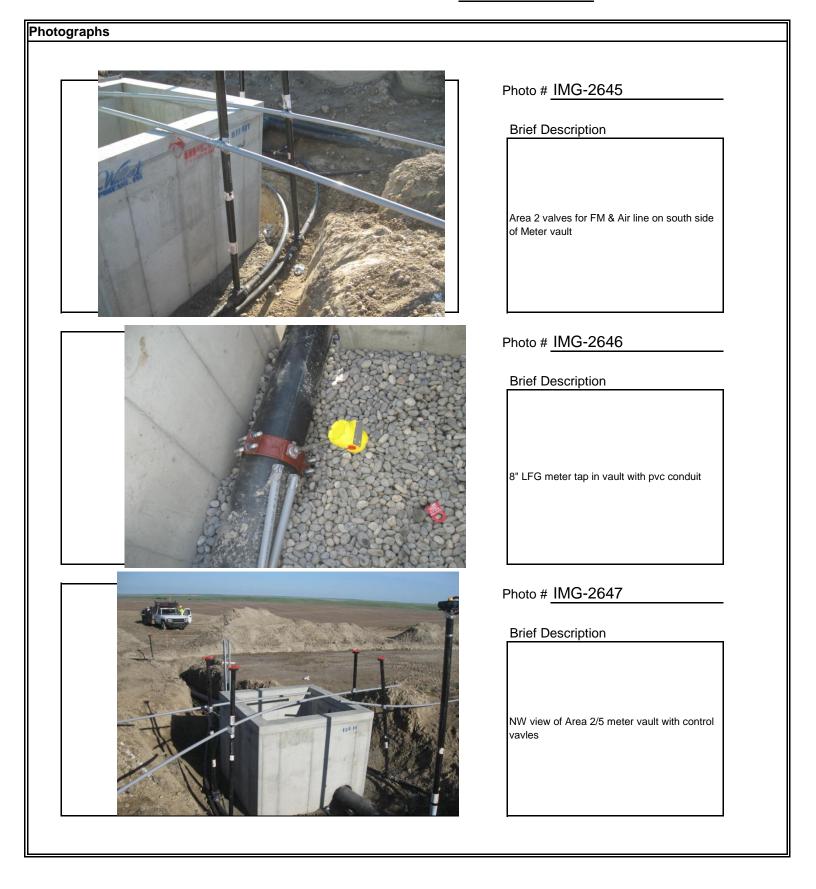
0 Scrapers running from Barrow site to N Toe slope & SW corner of Area 5- hauling

\_\_\_\_

05/17/16

REVIEWER

47 REPORT No. DATE 47 05/17/16





## Photo # IMG-2649

#### **Brief Description**

Jeremy - A/P setting control hubs for concrete ditch grading/forms

# Photo # IMG-2652

**Brief Description** 

Soft spots in bottom of ditch from rain

## Photo # IMG-2658

**Brief Description** 

Area 5 FM and Air line valves north side of Area 2/5 meter vault









# Photo # IMG-2666

#### **Brief Description**

EW-21 area 1 connected to 4" LFG main by flare

# Photo # IMG-2668

**Brief Description** 

closeup of tag - HDPE liner delivered to site along N slope

## Photo # IMG-2672

Brief Description

moving roll of HDPE liner to west end of concrete ditch



# Photo # IMG-2673

**Brief Description** 

rolling out HDPE liner delivered to site along ditch section N slope

Photo # IMG-2685

**Brief Description** 

HDPE liner welded

## Photo # IMG-2693

**Brief Description** 

East view of backfilling HDPE liner in trench section outside edges



PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

# **PROJECT OBSERVATION REPORT**

REPORT NO.		48					
DATE	0	5/18/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					
	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN	MP. RAN	IGE		49 -	76 (0.	07" rain	)

Aver	age Field	Work Fo	orce										
Na	Name of Contractor and/or Subcontractor(s) Superintendent					oreman	Opera	ators	Labo	orers	Remarks		s
A.	Culbert Co	nstruction		Kory Ellison		6	;	1		HDPE trenching / N. Ditch		/ N. Ditch	
C.	MHGC			Ch	ance Chaco	on	1		:	2	weldin	g/moving l	LFG mains
Equi	pment at	the Site											
	Operat	ting Contrac	tor's ID (A - E, see ab	oove)									
			Equ	ipment - ID No,	and Descrip	otion				Opr	Stdby	Down	Idle
A	1	Cat 312 Ex	cavator placing CST	C gravel for base	e of north dit	tch				1			P/T
A	1	Cat 320 Ex	cavator - installation	of 10" HDPE sto	orm pipe/MH	I by compast ar	ea			1			P/T
A	1	Cat 623 F	Scraper - 1 hauling fr	om borrrow site	to Composi	t Area St pipe fi	ill			1			P/T
A	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE	anchor alon	g North Ditch							Х
A	1	Cat D-6N	Dozer - grading Haul r	d to Compost									
A	1	Dump Truc	ck Hauling 5/8" minus	CSTC Gravel to	o north ditch	base				1			
A	1	Komatsu V	VA 320 Loader - Ioadi	ng CSTC into D	ump Truck					1			P/T
A		Komatsu G	GD 655 Grader - Fine	Grading 2" minu	is for haul ro	d Imp							х
A	1	Bobcat ski	d steer spreading CS	TC base in north	n ditch								
C.		Kabolco El	D150 Excavator - P/T	Moving HDPE p	pipe for LFG	Mains for well	connectio	ns					P/T
C.		Ingersoll-R	and VR-843 - P/T Mo	oving HDPE pipe	e for LFG M	ains for well co	nnections						P/T
C.		Komatsu S	skid Steer - SK 1020 -	Moving HDPE	pipe for LFC	G Mains for wel	l connectio	ons					P/T
Job	Site Visit	ors :											
	Time		Name			Repr	esenting				R	emarks	
11	::00 AM	F. Nicholso	on; J Petty; D. Taam,	C Schwyn		City	of WW			Weekly	Const Me	eting	
		K. Ellison,	D DeRousie, C. Chac	on; A Fazzari	Colbert Co	onst / MHGC / J	-U-B						
Eros	ion Cont	rol	Are erosion control	measures and I	BMPs:	In Place?	Const E	ntrance	Functi	ioning ade	equately?	Yes	/ 4-7-16
Is there any evidence of discharge of pollutants into surface waters					e waters or s	storm system?	containe	d on site		Photo	s Taken?	# 2694	4 to 2708
Traff	ic Contro			Photos	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light	light From 7		7:	7:00 To 5:		5:00	pm OFF
		Was traffic	control according to	the approved TC	Plan?	n/a	a From				То		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From To			То		

PROJECT Sudbury	y Landfill 5/2 Remediation	48	REPORT No.	48	8		
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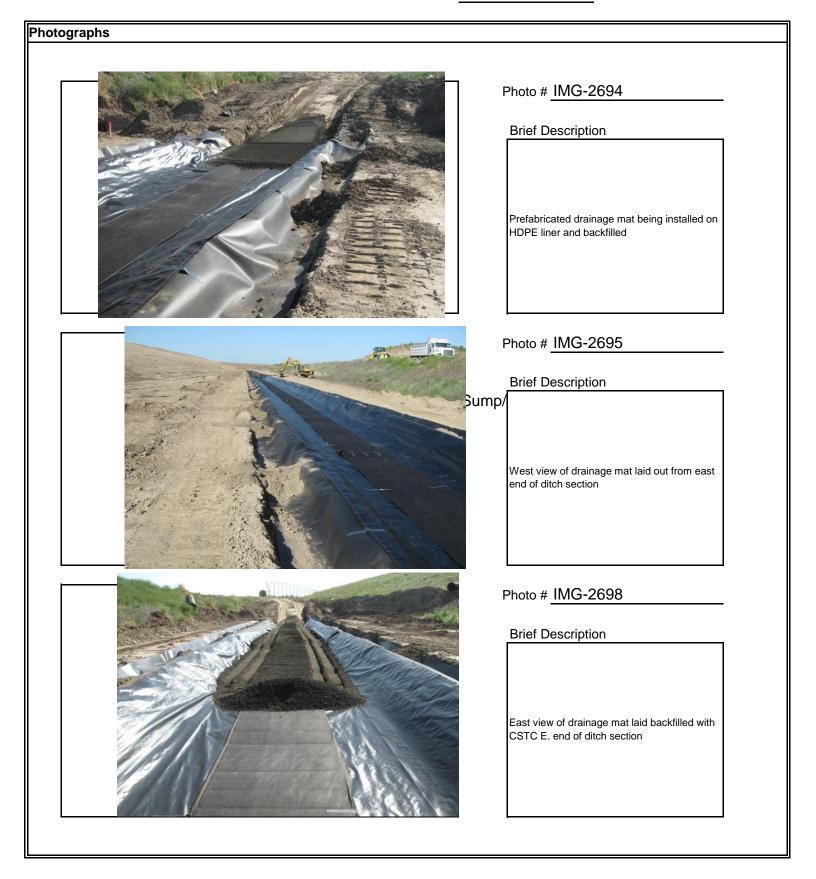
DATE

05/18/16

Time	orders given and	I received, discussions with contractor, and any applicable	d, discussions with contractor, and any applicable statements for the monthly estimate						
00 to 3:30	Cat 312 Idle - Grading/spreading base CSTC in north ditch								
	Cat 320 Installing 10" HDPE s	torm pipe / MH Compost Area							
7:00 to 3:30	1 Scraper P/T running from Ba	arrow site to Compost Area - hauling fill							
	P/T D6 Dozer grading shap	ing ST fill in Compost area							
7:00 to 3:30	Grader Idle								
7:00 to 3:30	Truck hauling 5/8" minus CS	STC for base of north ditch							
12:30 to 3:30	Cat -305 on Standby								
	Humbert hauling and stockpiling drain rock & crushed gravel for north ditch								
	MHGC crew installing heac	ler pipes to EW's and poring concrete in hole	es for bollards						
eld Tests P	erformed	Location	Results						
None									

**INSPECTOR** J. Petty

48 REPORT No. DATE 48 05/18/16









# Photo # IMG-2699

#### **Brief Description**

CSTC fill over drainage fabric/HDPE lineer < 4" cover

# Photo # IMG-2700

**Brief Description** 

Begin installation of 10" HDPE storm pipe compost Rd drainage

## Photo # IMG-2701

**Brief Description** 

10" HDPE outlet onto Compost pad



Photo # IMG-2703

**Brief Description** 

Backfilling CSTC on HDPE liner/drainage mat

# Photo # IMG-2704

**Brief Description** 

Storm Drainage MH by shed - exposed water main close

# Photo # IMG-2705

Brief Description

Storm Drainage MH by shed - overview lazer



# Photo # IMG-2706

#### **Brief Description**

6" PVC Water main above MH- a bit close

# Photo # IMG-2707

**Brief Description** 

East view of drainage mat backfilled with CSTC E. middle of ditch section

## Photo # IMG-2708

**Brief Description** 

West view of drainage mat backfilled with CSTC west end of ditch section



PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

# **PROJECT OBSERVATION REPORT**

REPORT NO.		49					
DATE	0	5/19/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER		PARTLY					
WE/(IIIEI(	CLEAR	CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
-				-			
APPROX. TEM	MP. RAN	IGE			48 - 6	4	

Aver	rage Field	Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superintendents					/Foreman	Oper	ators	Lab	orers	Remarks			
Α.	Culbert Co	onstruction		k	Kory Ellis	on	5	5	;	3	N. Ditch / D-8 ripping Area 5		
C.	MHGC			Ch	ance Ch	acon	1			2	bollards	/headers t	o LFG mains
Equi	ipment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
		Equipment - ID No, and Description									Stdby	Down	Idle
A	1	Cat 312 Ex	cavator placing CST	C gravel for base	e of north	n ditch				1			P/T
A		Cat 320 Ex	cavator - installation	of 10" HDPE sto	rm pipe/	MH by compast a	rea						Х
A	1	Cat 623 F	Scraper - 1 hauling fr	om borrrow site	to Comp	oost Area St pipe f	ill			1			P/T
А	0	Cat 305 E>	cavator - excavting tr	ench for HDPE	anchor a	long North Ditch							Х
A	1	Cat D-8 Do	ozer - ripping North slo	pe Area 5									
A	1	Dump Truc	ck Hauling 5/8" minus	CSTC Gravel to	o north di	tch base				1			
A	1	Komatsu V	VA 320 Loader - Ioadi	ng CSTC into D	ump Tru	ck				1			P/T
A	1	Komatsu G	GD 655 Grader - Fine	Grading 2" minu	is for hau	ıl rd Imp							P/T
A	1	Bobcat ski	d steer spreading CS	C base in north	i ditch					1			
C.		Kabolco El	D150 Excavator - P/T	well connection	s								P/T
C.		Ingersoll-R	and VR-843 - P/T we	Il connections									P/T
C.		Komatsu S	Skid Steer - SK 1020 -	P/T well conne	ctions								P/T
Job	Site Visit	ors :											
	Time		Name		Representing					Remarks			
1′	1::00 AM	F. Nicholso	Nicholson; J Petty; D. Taam, C Schwyn			City of WW			Weekly Const Meeting				
		K. Ellison,	D DeRousie, C. Chac	on; A Fazzari	Colbert	Const / MHGC / 、	J-U-B						
Erosion Control Are erosion control			measures and I	I BMPs: In Place? Const Entra		ntrance	trance Functioning add		equately? Yes / 4-7-16		/ 4-7-16		
Is there any evidence of discharge of pollutants into			ants into surface	e waters or storm system? contained on site			Photos Taken? #2		# 270	9 to 2734			
Traffic Control			Photos	Taken?	no		Inspec	tor On	n Site Hours				
Was Traffic control required too				today?	light	From		7:	2:00 To		5:00	5:00 pm OFF	
	Was traffic control according to the approved TC Plan?					n/a		From	From To				
	Do all flaggers have current flagging/TCS cards?					n/a		From			То		

PROJECT	Sudbury Landfill 5/2 Remediation	49 REPORT No.	49
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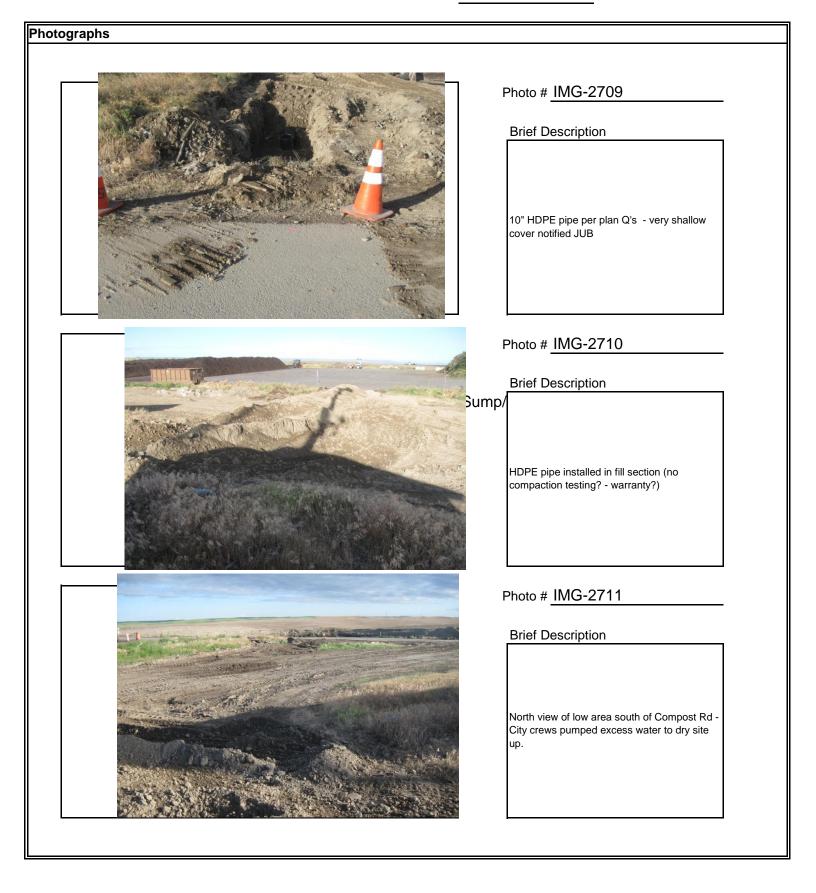
DATE

05/19/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.								
00 to 3:30	Cat 312 Idle - Grading/spreading base CSTC in north ditch								
	Cat 320 Idle	-							
:00 to 3:30	1 Scraper P/T running from Barrow site to North ditch - hauling fill         P/T D8 Dozer Ripping North Slope Area 5								
:00 to 3:30	Grader 1/2 day roadwork / acce	ess to North ditch for M & N							
7:00 to 3:30	Truck hauling 5/8" minus CS	TC for base of north ditch							
	Cat -305 on Standby								
	Humbert hauling and stockpiling drain rock & crushed gravel for north ditch								
	MHGC crew installing header pipes to EW's								
eld Tests P	l Performed	Location	Results						
None									

**INSPECTOR** J. Petty

49 REPORT No. DATE 49 05/19/16









# Photo # IMG-2712

#### **Brief Description**

Roller compacting gravel in HDPE lined trench

# Photo # IMG-2713

**Brief Description** 

West view - Watering CSTC for compaction

# Photo # IMG-2715

**Brief Description** 

Unloading rebar for ditch section forms



# Photo # IMG-2719

#### **Brief Description**

Skid loader leveling gravel in concrete ditch section

# Photo # IMG-2721

**Brief Description** 

Adding gravel & checking grade for min 6" fill below slab

## Photo # IMG-2723

**Brief Description** 

East view D-8 on site ripping cover material -3' deep 1st rip



# Photo # IMG-2724

#### **Brief Description**

Bollards around EW-15 filled with concrete

# Photo # IMG-2707

**Brief Description** 

Cracked inside frame on sump Area 2 - to be repaired

# Photo # IMG-2734

**Brief Description** 

North view of meter box and control valve Area 1



# **PROJECT OBSERVATION REPORT**

REPORT NO.		50					
DATE	0	5/20/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				•
APPROX. TEI	MP. RAN	IGE		40 - 6	64 (trac	e)	

PROJECT	Project Name						
ENGINEER	Project Engineer						
CLIENT	City of Walla Walla						
INSPECTOR	J. Petty						
PRIME CONT	RACTOR Culbert Construction						

Ave	rage Fiel	d Work F	orce									
Na	ame of Cont	tractor and/o	r Subcontractor(s)	Superintendents/Foreman Operators			Lab	Laborers		Remarks		
Α.	Culbert C	onstruction		Ko	ory Ellison	son 5			3 Ditch / D		0-8 ripping Area	
C.	MHGC			Cha	nce Chacon						off	
Equ	ipment a	t the Site										
	Opera	ating Contrac	ctor's ID (A - E, see at	oove)								
			Equ	ipment - ID No, a	nd Description				Opr	Stdby	Down	Idle
А	1	Cat 312 E	xcavator placing CST	C gravel for base	of north ditch				1			P/T
A		Cat 320 E	xcavator - installation	of 10" HDPE stor	m pipe/MH by comp	oast ar	ea					Х
A	0	Cat 623 F	Scraper -									х
A	1	Cat 305 E	xcavator - excavting tr	rench for HDPE a	nchor along North D	Ditch						P/T
A	1	Cat D-8 D	ozer - ripping North sl	ope Area 5								
A	1	Dump Truck Hauling 5/8" minus CSTC Gravel to north ditch base						1				
A	1	Komatsu \	Komatsu WA 320 Loader - loading CSTC into Dump Truck						1			P/T
A	1	Komatsu (	GD 655 Grader - Fine	Grading 2" minus	for haul rd Imp				1			P/T
A	1	Bobcat sk	id steer spreading CS	TC base in north	ditch				1			P/T
A	1	Cat D-6 D	ozer - ripping asphalt	Compost Area					1			P/T
C.		Kabolco E	D150 Excavator - P/T	well connections								Off
C.		Ingersoll-F	Rand VR-843 - P/T we	ell connections								Off
C.		Komatsu Skid Steer - SK 1020 - P/T well connections										Off
Job	Site Visi	tors :										
Time Name		Name	Representing				Remarks					
11::30 AM F. Nicholson				City of WW Daily Project Revi			ew					
Eros	sion Con	trol	Are erosion control	measures and B	MPs: In Pl	lace?	Const Entrance	Funct	tioning ad	lequately?	Yes / 4-	·7-16
	Is there a	any evidence	of discharge of pollut	ants into surface	waters or storm sys	tem?	contained on site		Photo	os Taken?	# 2735 to	o 276
Traf	fic Contr	ი		Photos T	aken?	no	Inspec	tor On	Site H	ours	•	

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	50 REPORT No.	50
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05/20/16

		ing but not limited to: a report of the day's operations, tin									
Time	orders given and received, o	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.									
7:00 to 3:30	Cat 312 P/T - Grading/spreading bas	se CSTC in north ditch									
	P/T Cat D-6 ripped asphalt at compo	ost road									
7:00 to 3:30	1 Scrapers Idle										
	D8 Dozer Ripping North Slope Are	ea 5									
7:00 to 3:30	Grader 1/2 day roadwork / access to	North ditch for M & N									
7:00 to 3:30	Truck hauling 5/8" minus CSTC fo	r base of north ditch									
	Cat -305 P/T backfilling trench for HI	DPE liner anchor									
	Humbert hauling and stockpiling dra	in rock & crushed gravel for north ditch									
	MHGC off										
eld Tests P	Performed	Location	Results								
Intermou	ntain testing Area 5 compaction	Area 5 - 4 ft cover layer	most failed > 88%								
			needs ripped								
opies Sent	То										

**INSPECTOR** J. Petty

PAGE 2 OF 6 PAGES

PROJECT	Subdbury Landfill Remediation 2/5	50	REPORT No.	50	
		_	DATE	05/20/16	

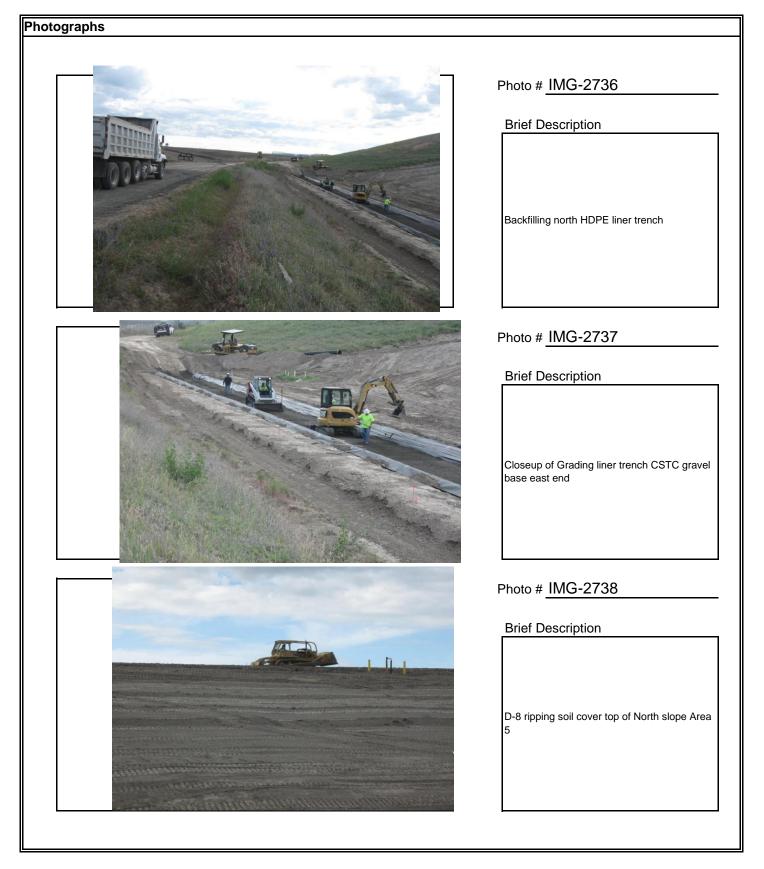




Photo # IMG-2744

**Brief Description** 

Water settling in trench by EW-21 for compaction testing

Photo # IMG-2750

**Brief Description** 

West view D-8 ripping soil cover top of North slope Area 5 - 3' deep 1st rip

Photo # IMG-2752

Brief Description

wire from crushed concrete haul road in tire



**Brief Description** D-8 ripping soil cover top of Northwest slope Area 5 - 4' deep 2nd rip

Photo # IMG-2757

**Brief Description** 

Compaction testing N slope area 5 - most > 88% failed w/o d-8 ripping

# Photo # IMG-2758

**Brief Description** 

Improved Berm @ inlet 24"culvert - N Slope haul rd - temp keep water out



Photo # IMG-2759

**Brief Description** 

NW view of Removal of HMA in Compost Rd for expansion by access D/W

Photo # IMG-2760

**Brief Description** 

West view of Removal of HMA in Compost Rd - in line with old asphalt

## Photo # IMG-2762

**Brief Description** 

Left front tire gone flat
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Project Name

Project Engineer City of Walla Walla

PROJECT

ENGINEER

**INSPECTOR** J. Petty

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.		51					
DATE	0	5/23/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI		51 - 68	1				

	IE CONT		Culbert Construe	ction			VII . 10 U				01 00	,	
Aver	age Field	Work Fo	orce										
	-		· Subcontractor(s)	Superinte	endents	s/Foreman	Opera	ators	Lab	orers		Remarks	. <u></u>
A.	Culbert Co	nstruction		K	ory Ellis	on	4			2	0	Compost F	۲d
C.	Moreno &	Nelson			Cruz					6	No	rth Ditch r	ebar
Equi	pment at	the Site											
	Operat	ting Contrac	tor's ID (A - E, see at	oove)									
			Equ	ipment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator placing CST	C gravel for base	of nort	h ditch							Х
A	1	Cat 320 Ex	cavator - P/T remove	DI Pipe by comp	oast are	a				P/T			Х
A	2	Cat 623 F	Scraper - 2 hauling fi	om borrrow site t	to Com	post Area Rd fill				2			1
A	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE a	nchor a	along North Ditch							Х
A	1	Cat D-8 Do	ozer - ripping North sl	ope Area 5						1			
A	1	Dump Truc	ck Hauling 5/8" minus	CSTC Gravel to	north d	itch base							Х
A		Komatsu V	VA 320 Loader - Ioadi	ng CSTC into Du	ımp Tru	ick							Х
A	1	Komatsu G	GD 655 Grader - Fine	Grading Compos	st Rd su	Ibgrade				1			
A		Cat D-6 Do	ozer - Idle										Х
													<u> </u>
Job	Site Visit	ors :											
	Time		Name			Rep	resenting			Remarks			
11	::30 AM	F. Nicholso	n			City	of WW			Daily Pro	oject Revie	ew	
Eros	ion Cont	rol	Are erosion control	measures and B	MPs:	In Place?	Const E	ntrance	Funct	ioning ad	equately?	Yes /	4-7-16
	Is there ar	ny evidence	of discharge of pollut	ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	# 2763	to 2790
Traff	ic Contro	bl		Photos T	aken?	no		Inspec	tor On	Site Ho	ours		
					-			1					

PROJECT Sud	Ibury Landfill 5/2 Remediation	51	<b>REPORT No.</b>	5	1	
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05/23/16

		Including but not limited to: a report of the day's oper							
Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.								
7:00 to 3:30	00 to 3:30 Cat 320 P/T - Pulled DI culvert out of Compost Rd xing								
	P/T Cat D-6 ripped asphalt at c								
7:00 to 3:30	2 Scrapers P/T running from Ba	arrow site to Compost Rd - hauling fill							
	P/T D8 Dozer Ripping North	Slope Area 5							
7:00 to 3:30	Grader Compost roadwork grad	ding							
7:00 to 3:30	Truck hauling 5/8" minus CS	TC for base of north ditch							
	Cat -305 P/T backfilling trench	for HDPE liner anchor							
	Humbert hauling and stockpilin	g drain rock & crushed gravel for north ditch							
6:00 to 3:00	Marana & Nalson - Satting/	ieing base rebar North Ditch							
0.00 10 3.00									
ield Tests P	erformed	Location	Results						
None									
opies Sent		I	I						

**INSPECTOR** J. Petty

\_\_\_\_\_51 REPORT No.\_\_\_ DATE 51 05/23/16

Photographs	
	Photo # IMG-2763 Brief Description
	D-8 ripping asphalt for Compost Rd re- construction - NW view
	Photo # IMG-2737
	Brief Description
	West view of crew starting to lay rebar in North Ditch
	Photo # IMG-2738
	Brief Description
	North view of Compost Rd excavation along existing D/W by shed



Photo # IMG-2771

**Brief Description** 

Old DI culvert removed from under Compost Rd

Photo # IMG-2773

**Brief Description** 

East view of rebar for base pour North Ditch

Photo # IMG-2775

Brief Description

Biosolids being added on top layer for 1' cover layer Areas 2 & 5

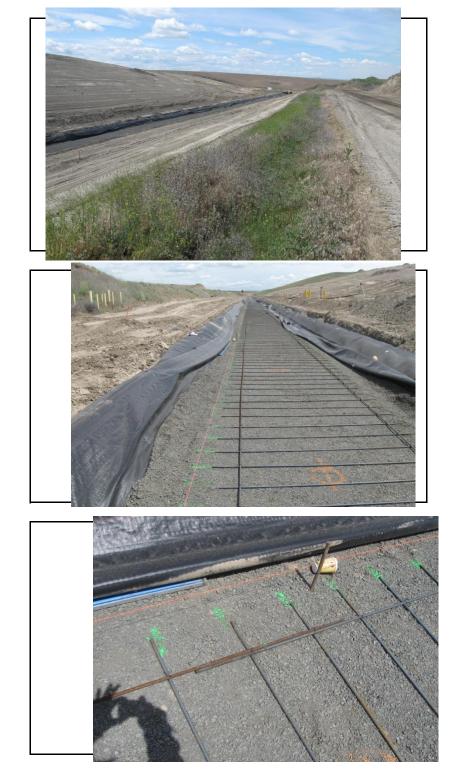


Photo # IMG-2778

**Brief Description** 

West view of rebar for base of concrete ditch

Photo # IMG-2779

**Brief Description** 

East view of rebar for base pour North Ditch - from west outlet

Photo # IMG-2780

Brief Description

Improved Berm @ inlet 24"culvert - N Slope haul rd - temp keep water out







Photo # IMG-2785

#### **Brief Description**

closeup photo of scraper on borrow site down bad tire

Photo # IMG-2788

**Brief Description** 

Watering subgrade for compost rd expansion

# Photo # IMG-2790

Brief Description

NW view along old ditch N side of old Compost Rd



Project Name

Project Engineer City of Walla Walla

PROJECT

ENGINEER

INSPECTOR J. Petty

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.		52					
DATE	C	5/24/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			51 - 72				

	FECTOR				AFFROA. IE		IGE			51-72		
PRI	ME CONT	FRACTOR	Culbert Construc	ction								
Ave	rage Fiel	d Work Fo	orce									
Ν	ame of Cont	tractor and/or	Subcontractor(s)	Superint	ntendents/Foreman Operators			Lab	orers		Remarks	\$
Α.	Culbert C	onstruction		К	ory Ellison	4			2	C	Compost F	٦d
C.	Moreno &	Nelson			Cruz				6	No	th Ditch r	ebar
Equ	iipment a	t the Site										
	Opera	ating Contract	tor's ID (A - E, see ab	ove)								
			Equi	pment - ID No,	and Description				Opr	Stdby	Down	Idle
ł		Cat 312 Ex	cavator placing CST	C gravel for base	of north ditch							х
Ą	1	Cat 320 Ex	cavator - P/T remove	DI Pipe by com	past area				P/T			Х
A	2	Cat 623 F \$	Scraper - 2 hauling b	iosolids & from I	borrrow site to Compost	Area Rd fill			2			1
Ą	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE a	anchor along North Ditch							х
ł	1	Cat D-8 Do	ozer - ripping North slo	ope Area 5					1			
Ą	1	Dump Truc	k Hauling 5/8" minus	CSTC Gravel to	north ditch base							Х
Ą		Komatsu W	/A 320 Loader - Ioadi	ng CSTC into Du	ump Truck							Х
ł	1	Komatsu G	D 655 Grader - Fine	Grading Compos	st Rd subgrade				1			
Ą		Cat D-6 Do	zer - Idle									Х
Job	Site Visi	tors :										
	Time		Name		Rep	presenting				Ren	narks	
1	11::30 AM F. Nicholson				Ci	y of WW			Daily Pro	oject Revie	ew	
Ero	sion Con	trol	Are erosion control	massures and E	BMPs: In Place	Const E	ntrance	Funct	ioning ad	equately?	Vec /	4-7-16
_10					waters or storm system				-	s Taken?		to 2826
Frat	fic Contr			Photos	-		Inspec	tor On				
		<b>v</b> .										

PROJECT S	Sudbury Landfill 5/2 Remediation	52 REPORT No.	52	

05/24/16

Time	orders given and ressive	d, discussions with contractor, and any applicable s	tatements for the monthly actimate
7:00 to 3:30	Cat 320 P/T - Pulled DI culvert out o		
	P/T Cat D-6 ripped asphalt at comp		
7:00 to 3:30	2 Scrapers P/T running from Barrow	v site to Compost Rd - hauling fill	
	P/T D8 Dozer Ripping North Slop	be Area 5	
7:00 to 3:30	Grader Compost roadwork grading		
7:00 to 3:30	Truck hauling 5/8" minus CSTC fo	or base of north ditch	
	Cat -305 P/T backfilling trench for H	IDPE liner anchor	
	Humbert hauling and stockpiling dra	ain rock & crushed gravel for north ditch	
6:00 to 3:00 Moreno & Nelson - Setting/tieing bas		g base rebar North Ditch 2 X ^ lumber for	forms delivered 8:25
ield Tests Performed		Location	Results
None			

**INSPECTOR** J. Petty

\_\_\_\_ 52 REPORT No.\_\_ DATE 52 05/24/16

Photographs	
	Photo # IMG-2792 Brief Description
	NW view adding fill to subgrade for new compost road revised grade
	Photo # IMG-2795
	Brief Description
	NW view adding fill to subgrade for new compost road revised grade
	Photo # IMG-2796
	Brief Description
	SE view adding fill to subgrade for new compost road revised grade

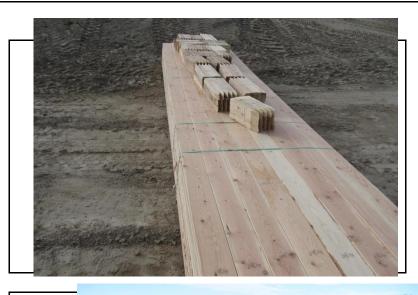


Photo # IMG-2800

**Brief Description** 

2 X 6's for concrete base forms delivered



Photo # IMG-2802	
Brief Description	
West view of base rebar to outlet	

Photo # IMG-2804

Brief Description

D-8 ripping north slope above N ditch by existing Well



Photo # IMG-2805

**Brief Description** 

East view of Cat 312 backfilling south trench to key HDPE liner

Photo # IMG-2779

**Brief Description** 

SW view of D-8 ripping north slope above N ditch

Photo # IMG-2780

Brief Description

24" clay storm inlet ponding water to keep out of new concrete ditch site



Photo # IMG-2815

**Brief Description** 

Closeup of wire mesh collected from 2" minus concrete haul road

Photo # IMG-2820

**Brief Description** 

D-8 stockpiling material Area 2 - scrapers hauling biosolids-top soil cover

# Photo # IMG-2821

Brief Description

D-8 stockpiling top soil cover - scrapers hauling from borrow site (biosolids)







Photo # IMG-2823

Brief Description

Photo # IMG-2825

**Brief Description** 

Intermountain testing compaction of 4' cover Area 5

# Photo # IMG-2790

Brief Description

West view of progress on Compost Road rough grading



# **PROJECT OBSERVATION REPORT**

REPORT NO.		53					
DATE	0	5/25/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					51 - 75	1	

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT City of Walla Walla				
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

Aver	age Field	d Work Fo	orce										
Na	Name of Contractor and/or Subcontractor(s) Superintende				endents/l	Foreman	Oper	ators	Laborers		Remarks		;
Α.	Culbert Co	Instruction Kory Ellison 4 2 Compost Rd							۶d				
C.	Moreno &	Nelson			Cruz					8	Nor	th Ditch r	ebar
Equi	pment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
Equipment - ID No, and Des					and Desc	ription				Opr	Stdby	Down	Idle
٩		Cat 312 Ex	cavator - Idle										Х
4	0	Cat 320 Ex	cavator - Idle							P/T			Х
4	2	Cat 623 F	Scraper - 2 hauling b	iosolids & from b	porrrow s	ite to Area 5				2			1
4	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE a	anchor alo	ong North Ditch							Х
4	1	Cat D-8 Do	ozer - ripping North slo	ope Area 5						1			
Ą	0	Dump Truc	Dump Truck Hauling 5/8" minus CSTC Gravel to north ditch base										Х
Ą	0	Komatsu V	Komatsu WA 320 Loader - loading CSTC into Dump Truck									Х	
Ą	1	Komatsu G	omatsu GD 655 Grader - Fine Grading Compost Rd subgrade 1										
4	1	Cat D-6 Dozer - Finish grading Area 5								1			Х
Job	Site Visit	ors :											
	Time	e Name			Representing			Remarks					
1′	I::00 AM	F. Nicholson; J Petty; D. Taam			City of WW			Weekly Const Meeting					
		K. Ellison, D DeRousie, A Fazzari				Const / J-U-B							
Erosion Control Are erosion control measures and		measures and B	BMPs:	In Place?	Const E	ntrance	Functi	unctioning adequately?		Yes /	4-7-16		
Is there any evidence of discharge of pollutants into surface			waters o	r storm system?	containe	d on site		Photo	s Taken?	# 2827	to 284		
Traf	ic Contro			Photos 7	Taken?	no		Inspector On Site			Hours		
			Was Traffic	control required	today?	light		From 7			7:00 To 5:00 pm		m OFF
		Was traffic	control according to t	he approved TC	Plan?	n/a		From To			То		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From To					

PROJECT	Sudbury Landfill 5/2 Remediation	53 REPORT No.	53	

05/25/16

Time	orders given and rec	eived, discussions with contractor, and any applicable	statements for the monthly estimate.			
7:00 to 3:30	Cat 320 Idle					
	Cat D-6 finish grading Area 5					
7:00 to 3:30	2 Scrapers running from Barrow	site to Compost Rd - hauling biosolids for cover	r Area 2 AM - Area 5 AM/PM			
	D8 Dozer pushing Biosolids A	Area 2 am & Area 5 PM				
7:00 to 3:30	Grader Compost roadwork grad	ing & area 5 temp haul rds				
7:00 to 3:30	Truck Idle					
	Cat -305 Idle					
	Humbert hauling and stockpiling	15/8" minus for Compost base				
6:00 to 3:00	Morono & Noloon Sotting/ti	aing bass robor North Ditch starting to as	t 2 X 6's forms for bass			
		eing base rebar North Ditch - starting to se				
ield Tests P	Performed	Location	Results			
			incounts			
None						
None						
None						

**INSPECTOR** J. Petty

REVIEWER

Phote <u>IMC-2827</u> Pinter <u>IMC-2827</u> Pinter <u>IMC-2827</u> Pinter <u>IMC-2827</u> Pinter <u>IMC-2828</u> Pinter <u>IMC-2888</u> Pinter <u>IMC-2888</u> Pinter <u>IMC-2888</u> Pinter <u>IMC-2888</u> Pinter <u>IMC-2888</u> Pinter <u>IMC-2888</u>	Photographs	
Brief Description         Brief Description         Ne view of new 10" HDPE storm line & rough grading south of compost Rd         Description		Brief Description West view of D-8 pushing top 1' biosolids
		Brief Description
North view of curb line & rough grading south of compost Rd		Brief Description







## Photo # IMG-2831

#### **Brief Description**

North view of scrapers hauling biosolids top course to Area 5

# Photo # IMG-2832

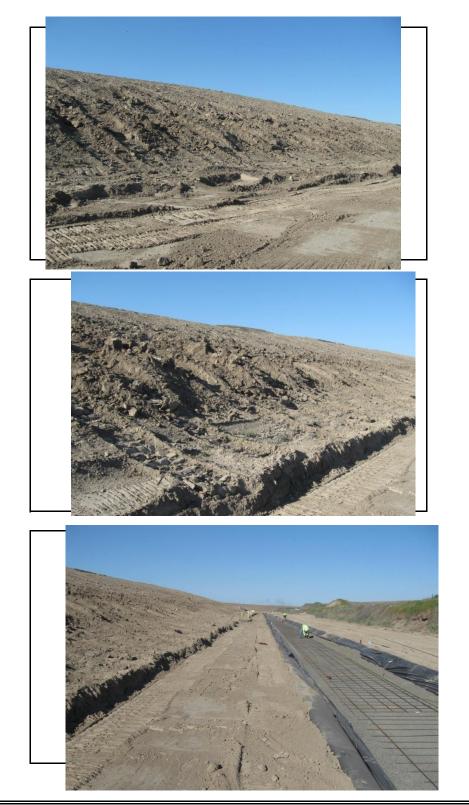
## **Brief Description**

East view of N ditch rebar progress	

# Photo # IMG-2833

Brief Description

West view of N ditch rebar progress on easterly portion of ditch



## Photo # IMG-2834

#### **Brief Description**

SW view of N Slope toe after ripping with D-8

# Photo # IMG-2835

**Brief Description** 

Closeup view of N Slope toe after ripping with D-8 - very rough

## Photo # IMG-2836

Brief Description

West view of south toe of slope after HDPE trench backfilled







Photo # IMG-2837

**Brief Description** 

NE view of framed supports for 2 X 6 concrete base forms

Photo # IMG-2839

**Brief Description** 

West view of scraper haul route to N slope below EW-12; 14 & 16

# Photo # IMG-2840

Brief Description

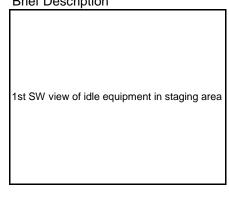




Photo # IMG-2842

**Brief Description** 

Stringline of revised pavement grade on N side of Compost rd

# Photo # IMG-2843

**Brief Description** 

Stringline - revised pavement grade to raise cover on N side of Compost rd

## Photo # IMG-2844

**Brief Description** 

Stringline - revised pavement grade to raise cover over 10" HDPE pipe





# **PROJECT OBSERVATION REPORT**

REPORT NO.		54					
DATE	05/26/16						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI		52 - 69	)				

PROJECT	CT Project Name			
ENGINEER	Project Engineer			
CLIENT	LIENT City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

Ave	rage Field	d Work Fe	orce										
Na	ame of Contr	actor and/or	r Subcontractor(s)	Superint	endents	/Foreman	(	Operators	La	borers		Remarks	
Α.	Culbert Co	onstruction		К	ory Ellis	on		5		2	Area	5 cover i	mport
C.	Moreno &	Nelson			Cruz					5	North I	Ditch reba	r/forms
Equ	ipment at	the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	oove)									
			Equ	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
4		Cat 312 Ex	kcavator - Idle										Х
A	0	Cat 320 Ex	cavator - Idle										Х
ł	2	Cat 623 F	Scraper - 2 hauling b	iosolids & from I	borrrow	site to Area 5				2			1
٩	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE a	anchor a	long North Ditc	h						Х
4	1	Cat D-8 Do	ozer - ripping/pushing	cover on North s	slope Are	ea 5				1			
Ą	0	Dump Truck Idle										Х	
4	0	Komatsu WA 320 Loader - loading CSTC into Dump Truck											Х
4	1	Komatsu GD 655 Grader - Fine Grading Compost Rd subgrade Area 5 temp haul rds       1											
Ą	1	Cat D-6 Do	ozer - Finish grading A	Area 5						1			Х
Job	Site Visit	ors :			1								
	Time		Name		Representing					Remarks			
1	1::30 AM	F. Nicholso	วท			(	City of W	W		Daily Pro	oject Revie	ew	
Eros	sion Cont	rol	Are erosion control	measures and E	BMPs:	In Plac	e? Cor	nst Entrance	e Fun	ctioning ad	equately?	Yes /	4-7-16
Is there any evidence of discharge of pollutants into surface			ants into surface	waters	or storm syster	n? cont	tained on si	e	Photo	s Taken?	# 2827	to 2844	
Traf	fic Contro	bl		Photos 7	Taken?	no	)	Insp	ector O	n Site H	ours		
			Was Traffic	control required	today?	ligi	nt	From		7:00 To		5:00 p	m OFF
		Was traffic	control according to	the approved TC	Plan?	n/a	a	From			То		
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a	a	From			То		

PROJECT	Sudbury Landfill 5/2 Remediation	54 REPORT No.	54	
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05/26/16

	ervations and Discussions Including bu	ut not limited to: a report of the day's operation	ons, time log (if applicable),
Time	orders given and received, disc	cussions with contractor, and any applicable	statements for the monthly estimate.
7:00 to 3:30	Cat 320 Idle		
	Cat D-6 finish grading Area 5		
7:00 to 3:30	2 Scrapers running from Barrow site to C	ompost Rd - hauling biosolids for cover	Area 5 AM/PM
	D8 Dozer pushing Biosolids cover Area	a 5 PM	
7:00 to 3:30	Grader Compost roadwork grading & area	a 5 temp haul rds	
7:00 to 3:30	Truck Idle		
	Cat -305 Idle		
	Humbert hauling and stockpiling 5/8" min	us for Compost Rd base	
	· · · · · · · · · · · · · · · · · · ·		
6:00 to 3:00	Moreno & Nelson - Setting/tieing bas	se rebar North Ditch - starting to set	t 2 X 6's forms for base
Field Tests P	Performed	Location	Results
None			
IAOUG			
NOUE			
HOLE			

**INSPECTOR** J. Petty

54 REPORT No. DATE 54 05/26/16

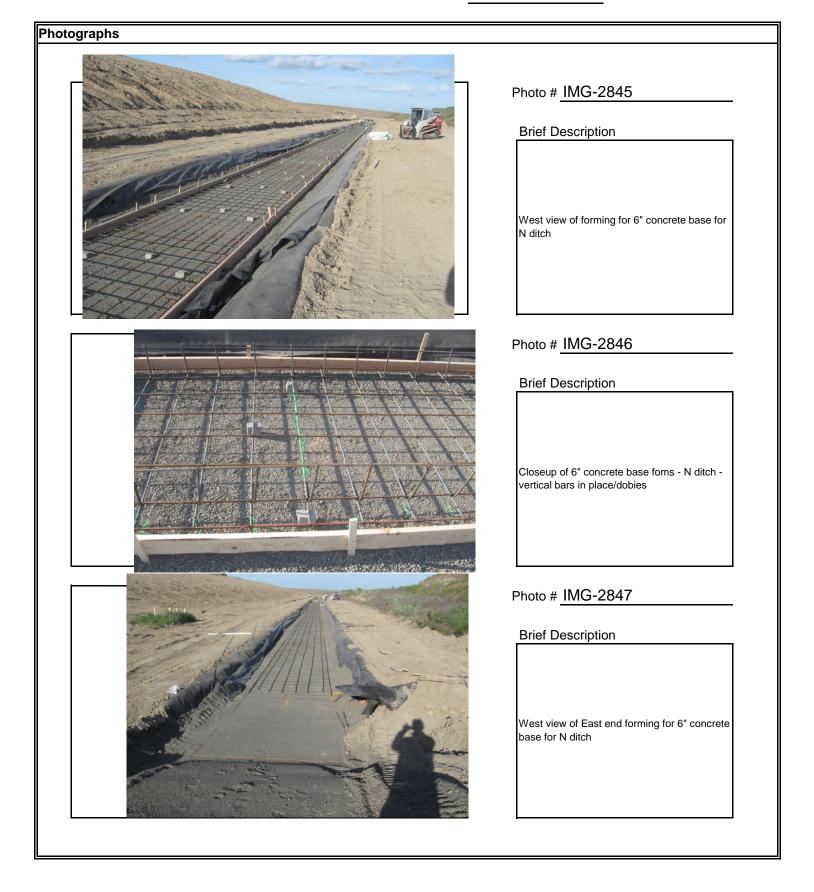








Photo # IMG-2848

**Brief Description** 

D-6 spreading 1' biosolids cover material to grade over Area 2

# Photo # IMG-2849

**Brief Description** 

Scrapers hauling 1' biosolids cover material to haul rd over Area 5

## Photo # IMG-2850

Brief Description

NW view D-6 spreading 1' biosolids cover material to grade So. toe Area 2

Photo # IMG-2851
Brief Description
NE view D-6 spreading 1' biosolids cover material to grade So. toe Area 2
Photo #
Brief Description
Photo #
Brief Description



# **PROJECT OBSERVATION REPORT**

DAY S M WEATHER CLEAR PARTL' CLOUD WIND STILL MODER							
DATE	0	5/27/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	Y S M EATHER CLEAR PARTL CLOUD ND STILL MODER		HIGH				
DAY S M WEATHER CLEAR PARTLY CLOUDY					49 - 66	;	

PROJECT	Project Name	
ENGINEER	Project Engineer	
CLIENT	City of Walla Walla	
INSPECTOR	J. Petty - OFF today	
PRIME CONT	RACTOR Culbert Construction	

Ave	rage Field	d Work Fo	orce										
Na	ame of Contr	ractor and/or	Subcontractor(s)	Superinte	ndents/Foreman		Opera	ators	Laborers		Remarks		
Α.	Culbert Co	onstruction		Ko	ry Ellison		5			2 Area 5 cover imp			nport
C.	Moreno &	Nelson			Cruz				OFF today North Ditch rebar/fo			r/forms	
Equi	ipment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	nd Description					Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator - Idle										Х
١	0	Cat 320 Ex	cavator - Idle										Х
	2	Cat 623 F \$	Scraper - 2 hauling b	iosolids & from bo	orrrow site to Area	5				2			1
`	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE ar	chor along North I	Ditch							Х
١	1	Cat D-8 Do	ozer - ripping/pushing	cover on North slo	ope Area 5					1			
١	0	Dump Truck Idle											Х
1	0	Komatsu WA 320 Loader - loading CSTC into Dump Truck											Х
1	1	Komatsu GD 655 Grader - Fine Grading Compost Rd subgrade Area 5 temp haul rds       1											
1	1	Cat D-6 Do	ozer - Finish grading A	vrea 5						1			Х
lob	Site Visit	ors :		<u>.</u>									
	Time		Name		Representing					Remarks			
1	1::30 AM	F. Nicholso	n			City	of WW			Daily Pro	oject Revie	W	
Eros	sion Cont	rol	Are erosion control	measures and BM	/IPs: In P	Place?	Const Er	ntrance	Funct	ioning ad	equately?	Yes /	4-7-16
	Is there a	ny evidence	of discharge of polluta	ants into surface v	vaters or storm sys	stem?	containe	d on site		Photo	s Taken?	# 2827	to 284
<b>Fraf</b>	fic Contro	ol		Photos Ta	aken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required to	oday?	light		From	7:	00	То	5:00 p	m OFF
		Was traffic	control according to t	he approved TC	Plan?	n/a		From			То		
		Do a	all flaggers have curre	ent flagging/TCS c	ards?	n/a		From			То		

	PROJECT Sudbury Landfill 5/2	Remediation 55 REPO	<b>DRT No.</b> 55	
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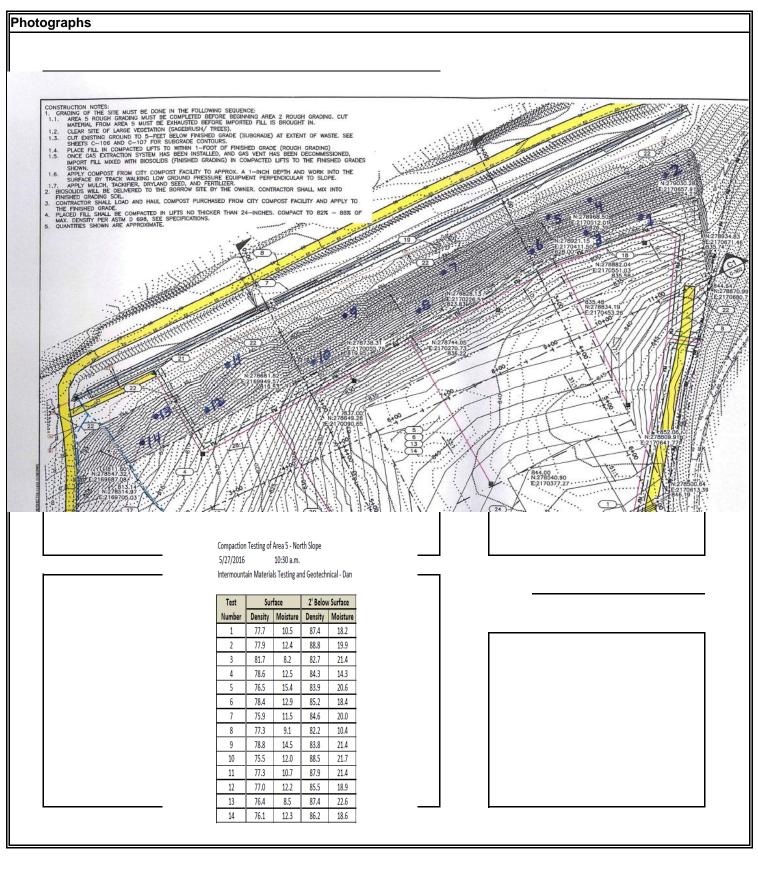
05/27/16

General Obse	rvations and Discussions Including	but not limited to: a report of the day's operations	, time log (if applicable),
Time	orders given and received, d	iscussions with contractor, and any applicable sta	tements for the monthly estimate.
7:00 to 3:30	Cat 320 Idle		
	Cat D-6 finish grading Area 5		
7:00 to 3:30	2 Scrapers running from Barrow site to	Compost Rd - hauling biosolids for cover Ar	ea 5 AM/PM
	D8 Dozer pushing Biosolids cover A	rea 5 PM	
7:00 to 3:30	Grader Compost roadwork grading & a	rea 5 temp haul rds	
7:00 to 3:30	Truck Idle		
	Cat -305 Idle		
	Humbert hauling and stockpiling 5/8" m	inus for Compost Rd base	
6:00 to 3:00	Moreno & Nelson - OFF TODAY		
ield Tests Pe		Location	Results
Joe French observed compaction testing of 4' cover		Area 5	
	-		
opies Sent 1	0		

**INSPECTOR** J. Petty

REVIEWER

PROJECT	Subdbury Landfill Remediation 2/5	55 REPORT N	<b>lo.</b> 55
		DATE	05/27/16





**Project Name** 

**Project Engineer** 

City of Walla Walla

PROJECT

ENGINEER

INSPECTOR J. Petty

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.	DAY S M WEATHER CLEAR PARTI						
DATE	0	5/31/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN	MP. RAN	IGE			47 - 83	5	

Labo	orers		Remarks	6			
	0	Area	5 Biosolids cover				
1	12	North	Ditch bas	se pou			
	Opr	Stdby	Down	Idle			
				Х			
				Х			
	2			1			
				Х			
Cat D-8 Dozer -Idle Berdine on scraper							
Water Truck							
Komatsu WA 320 Loader - loading CSTC into Dump Truck							
Komatsu GD 655 Grader - Fine Grading Compost Rd subgrade							
	1						
	Remarks						
	Daily Project Review						
Funct	ioning ad	lequately?	Yes /	4-7-16			
e	Photo	os Taken?	# 2852	to 287			
ctor On	Site H	ours					
7:	:00	То	5:00 p	m OFF			
		То					
	Funct	2 2 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1 1 1	0         Area           12         North           12         North           0         Area           12         North           0         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           1         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I         I           I	0     Area 5 Biosolidi       12     North Ditch bas       0     Popr       12     North Ditch bas       12     Down       13     Down       14     Down       15     Down       16     Down       17     Down       18     Down       19     Down       10     Down       11     Down       12     Down       13     Down       14     Down       15     Down       16     Down       17     Down       18     Down       19     Down       10     Down    <			

n/a

From

То

Do all flaggers have current flagging/TCS cards?

PROJECT Sudbury Landfill 5/2 F	Remediation 56 F	REPORT No.	56	
--------------------------------	------------------	------------	----	--

05/31/16

Time	orders given and receiv	ed, discussions with contractor, and any applicable s	statements for the monthly estimate.	
7:00 to 3:30	Cat D-6 pushing cover material Are			
7:00 to 3:30	2 Scrapers hauling biosolids borrow site to Area 5			
	D8 Dozer - Idle Burdine on scrap			
7:00 to 3:30	Grader shaping temp hauling roads	s for scrapers/processing biosolids to haul		
7:00 to 3:30	Water Truck dust control Borrow to Area 5			
	Cat -305 Idle			
	Humbert hauling and stockpiling dr	umbert hauling and stockpiling drain rock & crushed gravel for north ditch		
6:00 to 3:00	Moreno & Nelson - Pouring 6" I	Base for North Ditch/striped forms		
Field Tests Performed		Location	Results	
None				

**INSPECTOR** J. Petty

 PROJECT
 Subdbury Landfill Remediation 2/5
 56
 R

56 REPORT No. \_\_\_\_\_ DATE 56 05/31/16

Photographs		
	Photo # IMG-2852 Brief Description Westerly view of M & N crew pouring 6" concrete base north ditch	
	Photo # IMG-2854	
	Brief Description	
	Overview of middle of Area 5 top course haul routes/watered	
	Photo # <u>IMG-2857</u>	
	Brief Description	
	Close W view of M & N crew pouring middle of 6" concrete base north ditch	



Photo # IMG-2858

**Brief Description** 

Stripping forms from transition of west end of pour 6" base for ditch

# Photo # IMG-2860

**Brief Description** 

East view of stripping forms from sides of west end of pour 6" base for ditch

### Photo # IMG-2861

Brief Description

1300 Concrete curing compound being used on surface of new pour



Photo # IMG-2864

**Brief Description** 

Stockpiled cover material for 1' biosolids cover Area 5 - EW-13, 15 & 17

Photo # IMG-2865

**Brief Description** 

East view of east end of 6" concrete base north ditch

Photo # IMG-2867

Brief Description

String line for saw cut expansion joints 20' on centers







Photo # IMG-2869

**Brief Description** 

West view of transition at outlet end of concrete ditch

Photo # IMG-2871

**Brief Description** 

NW view of scrapers coming up temp haul road with biosolids cover

### Photo # IMG-2821

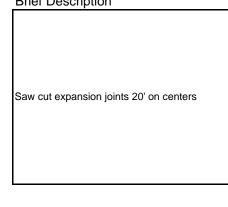




Photo # IMG-2873

**Brief Description** 

East view of crew cleaning up getting ready to form 12" walls on east end ditch

# Photo # IMG-2874

**Brief Description** 

West view of materials to form 12" walls on east end ditch

# Photo # IMG-2876

South Closeup view of materials to form 12" walls on east end ditch
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### **PROJECT OBSERVATION REPORT**

REPORT NO.		57					
DATE	C	6/01/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI		52 - 75					

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR J. Petty					
PRIME CONTRACTOR Culbert Construction					

Ave	rage Field	d Work Fe	orce										
N	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents	/Foreman	Opera	ators	Laborers		Remarks		
Α.	Culbert Co	onstruction		К	ory Elliso	on	6	5	0 Area 5 Bios		Biosolid	s cover	
C.	C. Moreno & Nelson Cruz								Į	5	North	Ditch bas	e pour
Equ	ipment at	t the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
			Equi	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator Idle - Install 4	10 If 10" HDPE a	cross Co	ompost Rd				P/T			P/T
Ą	1	Cat 320 Ex	cavator - P/T remove	DI Pipe by com	past area	a							х
٩	2	Cat 623 F	Scraper - 2 hauling b	iosolids from bor	row to A	irea 5				2			1
A	0	Cat 305 Ex	cavator - Idle										Х
Ą	1	Cat D-8 Do	ozer - ripping North slo	ope Area 5									Х
Ą	1	Water True	ck							1			
4		Komatsu V	VA 320 Loader - Ioadi	ng CSTC into Du	ump Truo	ck							Х
Ą	1	Komatsu G	GD 655 Grader - Fine	Grading Compos	st Rd sul	bgrade				1			
A		Cat D-6 Do	ozer - pushing cover n	naterial Area 5						1			
Job	Site Visit	tors :											
	Time		Name	Representing					Remarks				
	1::00 AM	F. Nicholso	on; J Petty; J Yonkers	, D Jensen		•	of WW		Weekly Const Meeting				
	1::00 AM		A Fazzari, C Schwyn			Const / J-U-B / S	r			<u> </u>			
Erosion Control Are erosion control measur				In Place?			Functi	-	equately?		4-7-16		
			of discharge of pollut			•	containe				s Taken?	# 2791	to 2826
Traf	fic Contro	DI		Photos 7				Inspector On Site Hou		r			
				control required		light			7:			5:00 p	m OFF
			control according to t	••		n/a		From		То			
	Do all flaggers have current flagging/TCS cards					n/a		From To					

PROJECT Sudbury Landfill 5/2 Remediation 57 REPORT No. 57
---

DATE

06/01/16

Time	orders given and rece	ived, discussions with contractor, and any applicable s	iscussions with contractor, and any applicable statements for the monthly estimate.				
:00 to 3:30	Cat D-6 pushing cover material A						
7:00 to 3:30	2 Scrapers hauling biosolids borr	ow site to Area 5					
	D8 Dozer Ripping & pushing c	over on Temp haul rds North Slope Area 5 - Bu	rdine				
7:00 to 3:30	Grader shaping temp hauling roa	ds for scrapers/processing biosolids to haul					
7:00 to 3:30	Water Truck dust control Borro	ow to Area 5					
	Cat 312 Excavator Idle P/T & Ins	talled 40 If 10" HDPE across Compost Rd					
	Humbert hauling and stockpiling	drain rock & crushed gravel for north ditch					
6:00 to 3:00	Moreno & Nelson - Pouring 6	" Base for North Ditch/striped forms					
Field Tests Performed		Location	Results				
None							

**INSPECTOR** J. Petty

DATE

06/01/16

	Photo # IMG-2880 Brief Description
	Applying tack for waterstop
	Photo # IMG-2881
Henry.	Brief Description
	Henry Hydro-flex waterstop materials
	Photo # IMG-2882
and and a second s	Brief Description
	Overview of temp haul route for stockpile top course south portion of Area 5



60

Photo # IMG-2883

**Brief Description** 

2 scrapers hauling, D-6 spreading thin cover, D-8 spreading thick layer of cover

# Photo # IMG-2885

**Brief Description** 

Closeup top view of forms with waterstop installed on concrete

# Photo # IMG-2888

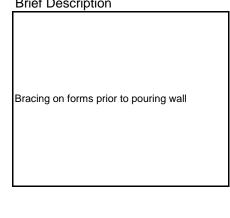




Photo # IMG-2889

**Brief Description** 

Transition rebar on West end or ditch above infiltration trench

Photo # IMG-2891

**Brief Description** 

No side of transition rebar on West end or ditch above infiltration trench

# Photo # IMG-2893

Brief Description

East view of South side of CMP outlet West end of ditch







Photo # IMG-2896

#### **Brief Description**

North view of 10" HDPE pipe across Compost Rd

# Photo # IMG-2898

**Brief Description** 

D-6 fine grading 1' biosolids cover material

### Photo # IMG-2899

Brief Description

D-8 and 2 scrapers stockpiling 1' Cover material along south side Area 5



### **PROJECT OBSERVATION REPORT**

REPORT NO.		58					
DATE	0	6/02/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				•
APPROX. TEMP. RANGE				60	- 75 (Tr	ace)	

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR J. Petty					
PRIME CONTRACTOR Culbert Construction					

Aver	age Fiel	d Work F	orce											
Na	me of Cont	ractor and/o	Subcontractor(s)	Superinte	ndents/Foreman	n	Opera	ators	Labo	oorers		Remarks		
Α.	Culbert C	onstruction		Ko	ry Ellison		6	;		0	Area 5	5 Biosolids	s cover	
C.	C. Moreno & Nelson Cruz							9	9	North	Ditch bas	e pour		
Equi	ipment a	t the Site												
	Opera	ating Contrac	tor's ID (A - E, see ab	oove)										
			Equ	ipment - ID No, a	nd Description					Opr	Stdby	Down	Idle	
4		Cat 312 Excavator Idle											Х	
4	1	Cat 320 Ex	cavator - Idle										Х	
4	3	Cat 623 F	Scraper - 3 hauling b	iosolids from borro	ow to Area 5					3			1	
A	0	Cat 305 Ex	cavator - Idle										Х	
4	1	Cat D-8 Do	ozer - ripping North slo	ope Area 5						1				
Ą	1	Water True	ck							1				
Ą		Komatsu V	VA 320 Loader - Idle										Х	
Ą	1	Komatsu GD 655 Grader - Fine Grading Compost Rd subgrade							1					
A	1	Cat D-6 Do	ozer - pushing cover r	material Area 5						1				
Job	Site Visi	tors :												
	Time Name				Representing					Remarks				
11	1::30 AM	F. Nicholso	on		City of WW Dai					Daily Project Review				
Eros	ion Con	trol	Are erosion control	measures and B	MPs: In	Place?	Const E	ntrance	Functi	ioning ade	equately?	Yes /	4-7-16	
			of discharge of pollut	ants into surface v	vaters or storm s	system?						# 2900	# 2900 to 296	
Traf	fic Contr			Photos Ta		no		Inspec	tor On	Site Ho	ours			
			Was Traffic	control required to	oday?	light From		7:00 To		5:00 p	m OFF			
		Was traffic	control according to			n/a				То				

n/a

From

То

Do all flaggers have current flagging/TCS cards?

PROJECTSudbury Landfill 5/2 Remediation58REPORT No.58	
---	--

DATE

06/02/16

General Observations and Discussions Including but not limited to: a report of the day's operations, time log (if applicable),								
Time		ssions with contractor, and any applicable statements for the mo						
7:00 to 3:30	Cat D-6 pushing cover material Area 5							
7.00 10 3.30	Cal D-o pushing cover material Area 5							
7:00 to 3:30	2 Scrapers hauling biosolids borrow site to	Area 5						
	D8 Dozer Ripping North Slope Area 5 -	Burdine						
7:00 to 3:30	Grader shaping Compost road with 6" CST	C for paving						
7:00 to 3:30	Water Truck dust control Borrow to Area 5	Nater Truck dust control Borrow to Area 5						
	Cat -305 Idle	Cat -305 Idle						
6:00 to 3:00	Moreno & Nelson - Pouring 12" South	Wall west to east - stripped forms & patched bad p	ortions					
Field Tests P	erformed	Location	Results					
None								
Copies Sent <sup>-</sup>	То		<u> </u>					

**INSPECTOR** J. Petty

PAGE 2 OF 10 PAGES

hoto # IMG-2900
Brief Description
Pouring South 12" wall - West view
hoto # <u>IMG-2901</u>
Brief Description
West floor of Ditch @ outfall
hoto # IMG-2902
Brief Description
SE view of floor west outlet



Photo # IMG-2903

**Brief Description** 

Adding subbase to bring grade up to within 9" of existing pavement @ ang pt





Photo # IN	MG-2904
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**Brief Description** 

East view of	Area 5	ditch @	Compost Rd	

Photo # IMG-2906

Brief Description

CSTC backfill of 10" HDPE pipe across Compost Rd



Photo # IMG-2909

**Brief Description** 

Hairline cracks on 9 to 11 ft intervals w/o saw cuts

Photo # IMG-2910

**Brief Description** 

Installing 6" CSTC on compacted subgrade (humping over pipe to protect)

Photo # IMG-2911







Photo # IMG-2915

**Brief Description** 

East view of concrete ditch section before stripping forms on south side

Photo # IMG-2916

**Brief Description** 

Finishing top of curb east side of ditch

# Photo # IMG-2918

2 scrapers hauling biosolids from borrow are to middle haul road	a
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Photo # IMG-2921

**Brief Description** 

grader processing cover material for scrapers to stockpile cover material

Photo # IMG-2924

**Brief Description** 

NW view Composte Rd CSTC material compaction/watering for HMA in AM

Photo # IMG-2926

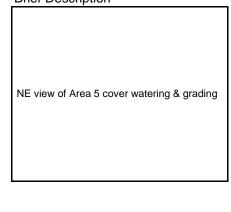




Photo # IMG-2931

**Brief Description** 

Honey comb surface on exposed face of ditch

Photo # IMG-2936

**Brief Description** 

Honey comb surface where concrete stuck to form - needs repaired

# Photo # IMG-2937

Brief Description

Repairing honey comb surface where concrete sticking to form







Photo # IMG-2947

#### **Brief Description**

Overview of middle of Area 5 - ready for D-6 to spread stockpiled cover material

# Photo # IMG-2948

Brief Description

Overview of northerly slope D-6	Area 5 - ready for

# Photo # IMG-2949

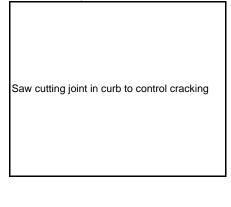








Photo # IMG-2952

#### **Brief Description**

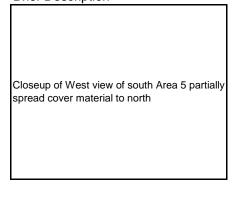
24" HDPE pipe installed for extension into North ditch

# Photo # IMG-2955

**Brief Description** 

NW view of CSTC ready for compaction testing

# Photo # IMG-2964





### **PROJECT OBSERVATION REPORT**

REPORT NO.		59					
DATE	C	6/03/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					56 - 86	i	

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

Ave	rage Fiel	d Work F	orce											
	-		r Subcontractor(s)	Superint	endents/Foreman	1	Oper	ators	Lab	orers		Remarks	;	
Α.	1	onstruction		•	ory Ellison		7			0				
C.	Moreno &	Nelson			Cruz					9	North	Ditch bas	e pour	
		t the Site											·	
-94	-		tor's ID (A - E, see ab	oove)										
		0		ipment - ID No, a	and Description					Opr	Stdby	Down	Idle	
A		Cat 312 Ex	cavator placing CST		-								х	
Ą	1		kcavator - P/T remove	-									х	
Ą	3	+	Scraper - 3 hauling b							3				
Ą	0		cavator - excavting tr			h Ditch				-			Х	
4	1		ozer - ripping North slo							1			х	
Ą	1	Water True								1				
Ą		Komatsu V	VA 320 Loader - loadi	ng CSTC into Du	Imp Truck								х	
Ą	1		GD 655 Grader - Fine	-						1				
A			ozer - pushing cover r		-					1				
Job	Site Visit	tors :									<u> </u>			
	Time		Name			Repr	esenting				Ren	narks		
1	1::30 AM	F. Nicholso	วท			City	of WW			Daily Pro	oject Revie	ew		
1	1::30 AM	Intermount	tain Testing		Compaction testin			tion testin						
Eros	sion Cont	trol	Are erosion control	measures and B	MPs: In	In Place? Const Entrance Fund		Funct	ctioning adequately?		Yes /	Yes / 4-7-16		
Is there any evidence of discharge of pollutants into surface w			waters or storm s	system?	containe	d on site		Photo	s Taken?	# 2966	to 298			
Traf	fic Contro	ol		Photos 1	Taken?	no		Inspec	tor On	Site H	ours			
			Was Traffic	control required	today?	light	From		7:	7:00 To		8:30 p	8:30 pm OFF	
		Was traffic	control according to	the approved TC	Plan?	n/a		From		9:00 To 5:00:00		00 PM		
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То			

PROJECT	Sudbury Landfill 5/2 Remediation	59 REPORT No.	59	

DATE

06/03/16

General Obse	rvations and Discussions Including but	not limited to: a report of the day's operations, time log (if applica	ble),
Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mor	nthly estimate.
7:00 to 3:30	Cat D-6 pushing cover material Area 5		
7:00 to 3:30	3 Scrapers hauling biosolids borrow site to	Area 5	
	D8 Dozer Pushing cover on temp haul ro	ds North Slope Area 5 - Burdine	
7:00 to 3:30	Grader shaping temp hauling roads for scra	apers/processing biosolids to haul	
7:00 to 3:30	Water Truck dust control Borrow to Area	a 5	
	Cat -305 Idle		
	Humbert hauling and spreading CSTC on o	compost area	
6:00 to 4:00	Moreno & Nelson - Pouring Outlet stru	cture west side & north curb to east end	
Field Tests Pe	erformed	Location	Results
None			
Copies Sent 1			

**INSPECTOR** J. Petty

PROJECT	Subdbury Landfill Remediation 2/5	59 REPORT No.	59	
		DATE	06/03/16	_

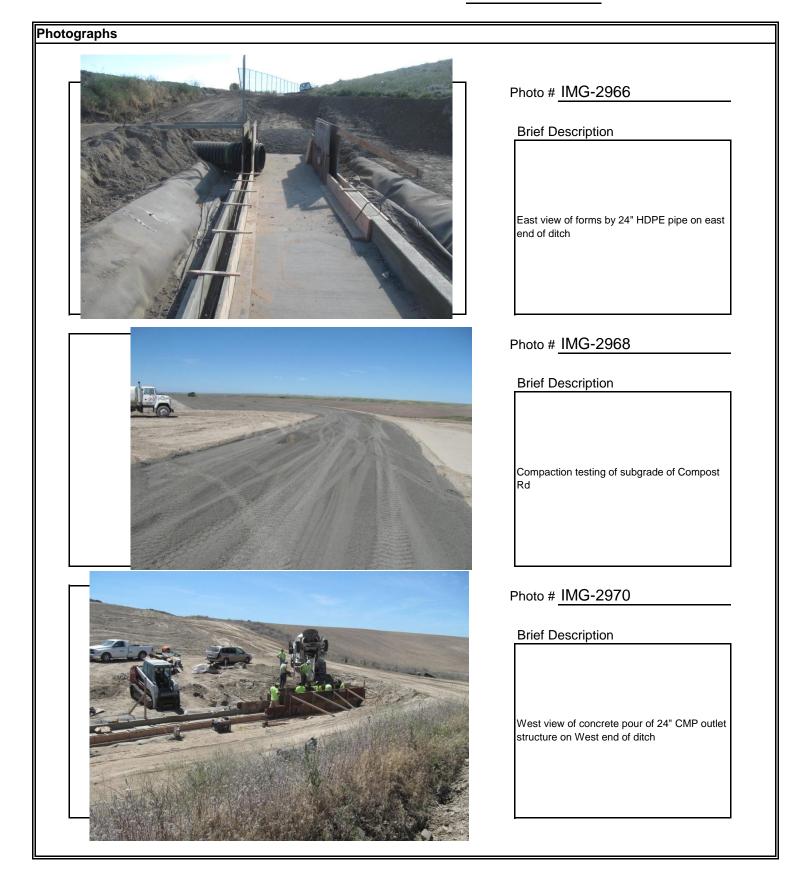






Photo # IMG-2972

**Brief Description** 

East view of structural pour by 24" CMP outlet pipe on West end of ditch

# Photo # IMG-2973

**Brief Description** 

Hairline cracks in S. wall approx 9 to 11 feet from saw cut joints

#### Photo # IMG-2976

Brief Description

Finished pour of structure starting to pour 12" wall on North side





Photo # IMG-2977

**Brief Description** 

West view Finishing top of wall on North side near outlet structure

Photo # IMG-2979

**Brief Description** 

SE view of north wall near east end pipe inlet

Photo # IMG-2980

Brief Description

Starting to strip forms near outlet on west end of ditch
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Photo # IMG-2981

#### **Brief Description**

Overview of middle of Area 5 top course placement

# Photo # IMG-2982

**Brief Description** 

D-8 processing soil cover material stockpile from scrapers

# Photo # IMG-2984



## **PROJECT OBSERVATION REPORT**

REPORT NO.		60					
DATE	C	6/06/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEM			66 - 100	0			

Project Name						
Project Engineer						
City of Walla Walla						
INSPECTOR J. Petty						
PRIME CONTRACTOR Culbert Construction						

Ave	rage Field	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s)         Superintendents/Foreman         Operators         Laborers         Remarks													
A.	Culbert Co	onstruction		К	ory Ellison		7			0	Area 5	5 Biosolids	s cover
C.	Moreno &	Nelson			Cruz					4	North	Ditch bas	e pour
Equ	ipment a	t the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Descri	ption				Opr	Stdby	Down	Idle
٨		Cat 312 Ex	cavator Idle										Х
١		Cat 320 Ex	cavator - Idle										Х
١	2	Cat 623 F	Scraper - 2 hauling b	iosolids from bor	rrow to Cor	npost Haul Rd a	& Area 5			2			
4	0	Cat 305 Ex	cavator - excavting tr	ench for HDPE a	anchor alor	ng North Ditch							Х
٨	1	Cat D-8 Do	ozer - Pushing cover o	over temp haul ro	ds on North	slope Area 5				1			Х
١	1	Water True	ck							1			
١	P/T	Komatsu V	VA 320 Loader - movi	ng import fill to C	Compost HI	DPE pipe Xing				P/T			P/T
١	1	Komatsu G	GD 655 Grader - Fine	Grading Compos	st Rd subg	rade				1			
٩	1	Cat D-6 Do	ozer - pushing cover n	naterial Area 5						1			
lob	Site Visit	ors :											
Time Name				Representing				Remarks					
1	1::30 AM	F. Nicholso	on		City of WW				Daily Project Review				
11::30 AM Intermountain Testing									Compaction testing subbase			9	
Erosion Control         Are erosion control measures and			measures and E	BMPs:	In Place?	Const Entrance Fund		Funct	ioning ad	equately?	Yes /	4-7-16	
Is there any evidence of discharge of pollutants into surface			ants into surface	waters or	storm system?	containe	d on site		Photo	s Taken?	# 2986	to 300	
<b>Fraf</b>	fic Contro	ol		Photos 7		no Inspector (		tor On	On Site Hours				
			Was Traffic	control required	today?	light	light From		7	7:00 To		5:00:0	00 PM
		Was traffic	control according to t	he approved TC	Plan?	<b>n/a</b> From				То			
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

	PROJECT S	udbury Landfill 5/2 Remediation	60 REPO	RT No.	60	
--	-----------	---------------------------------	---------	--------	----	--

DATE

06/06/16

Time	orders given and rec	eived, discussions with contractor, and any applicable st	scussions with contractor, and any applicable statements for the monthly estimate					
7:00 to 3:30	Cat D-6 pushing cover material	Area 5						
7:00 to 3:30	2 Scrapers hauling from borrow	site to compost Haul Rd HDPE Xing & Area 5						
	D8 Dozer Pushing cover on te	emp haul rds North Slope Area 5 - Burdine						
7:00 to 3:30	o 3:30 Grader shaping temp hauling roads for scrapers/processing fill over HDPE strom pipe to Compost							
7:00 to 3:30	Water Truck dust control Borr	ow to Area 5 & compaction HDPE pipe						
	Cat -305 Idle							
7:00 to 3:00	Moreno & Nelson - Stripping	forms from Outlet & Inlet Structures & north	curb to east end					
7:00 to 3:00	Moreno & Nelson - Stripping	forms from Outlet & Inlet Structures & north	curb to east end					
7:00 to 3:00	Moreno & Nelson - Stripping	forms from Outlet & Inlet Structures & north	curb to east end					
7:00 to 3:00	Moreno & Nelson - Stripping	forms from Outlet & Inlet Structures & north	curb to east end					
7:00 to 3:00		forms from Outlet & Inlet Structures & north	curb to east end					
ïeld Tests F								

**INSPECTOR** J. Petty

60 REPORT No. DATE 60 06/06/16

Photographs	
	Photo # IMG-2987 Brief Description
	Ramp on east end of ditch not formed according to plans - adjustment req'd
	Photo # IMG-2988
	Brief Description
	Forms stripped @ outlet on west end - honeycombed surface
	Photo # IMG-2990
	Brief Description
	Not enough room to construct ramped 6" thick collar around CMP



Photo # IMG-2992 **Brief Description** watering/compacting fill over 10" HDPE storm drain east of Compost area

# Photo # IMG-2995

**Brief Description** 

Ramp elevation too low - water will overflow end - extend and raise

#### Photo # IMG-2997

**Brief Description** 

Placing fill in haul road subgrade over 10" HDPE storm pipe







Photo # IMG-2999

**Brief Description** 

West view Finishing top of wall on North side near outlet structure

Photo # IMG-3000

**Brief Description** 

Grader moving fill material over 10" HDPE pipe

Photo # IMG-3001

Brief Description

Loader moving fill material over 10" HDPE pipe



Photo # IMG-3003

**Brief Description** 

Loader & Grader moving fill material over 10" HDPE pipe

# Photo # IMG-3004

**Brief Description** 

City's loader with flat - excessive metal in 2" minus on haul roads

#### Photo # IMG-3005



Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

INSPECTOR J. Petty

## **PROJECT OBSERVATION REPORT**

REPORT NO.		61					
DATE	0	6/07/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN		70 - 99	)				

PRIN	IE CONT	RACTOR	Culbert Construc	tion										
Ave	age Field	l Work Fo	orce											
Na	me of Contr	actor and/or	Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Lab	orers		Remarks		
Α.	Culbert Co	onstruction		К	ory Ellis	on	6	6		0	Area	5 Biosolid	s cover	
C.	Moreno &	Nelson			Cruz					7 North Ditch base				
Equi	ipment at	the Site												
	Opera	ting Contrac	tor's ID (A - E, see abo	ove)										
			Equip	oment - ID No,	and Des	cription				Opr	Stdby	Down	Idle	
A		Cat 312 Ex	cavator Idle										Х	
A		Cat 320 Ex	cavator - Idle										Х	
A	2	Cat 623 F	Scraper - 2 hauling bi	osolids from bor	row to C	Compost Haul Rd	& Area 5			2				
A	0	Cat 305 Ex	cavator - excavting tre	ench for HDPE a	anchor a	long North Ditch							Х	
A	1	Cat D-8 Do	ozer - Pushing cover o	ver temp haul ro	ds on No	orth slope Area 5				1			Х	
A	1	Water Truc	:k							1				
A	P/T	Komatsu V	VA 320 Loader - movir	ng import fill to C	Compost	HDPE pipe Xing				P/T			P/T	
A	1	Komatsu GD 655 Grader - Fine Grading Compost Rd subgrade								1				
A	1	Cat D-6 Do	ozer - pushing cover m	aterial Area 5						1				
HA		Humbert A	sphalt - Paver / 2 rolle	rs and several c	lump tru	p trucks hauling asphalt								
Job	Site Visit	ors :									<u> </u>			
Time Name					Representing				Remarks					
11::30 AM F. Nicholson				City of WW				Daily Project Review						
11::30 AM Intermountain Testing									Compaction testing subbase			e		
Erosion Control Are erosion control measures and			BMPs:	In Place?	Const Entrance Fund		Funct	Functioning adequately?		Yes / 4-7-16				
Is there any evidence of discharge of pollutants into surface			waters	or storm system?	containe	contained on site		Photos Taken?		# 3008 to 3062				
Traf	fic Contro	bl		Photos -	Taken?	no Inspector Or		tor On	On Site Hours					
Was Traffic control required				control required	today?	P light From		7:	7:00 To 5:00:0		00 PM			
		Was traffic	control according to the	ne approved TC	Plan?	n/a Fror		From	m To					
		Do a	all flaggers have curre	nt flagging/TCS	cards?	n/a		From			То			

<b>PROJECT</b> Sudbury Landfill 5/2 Reme	liation 61 REPORT No.	61	
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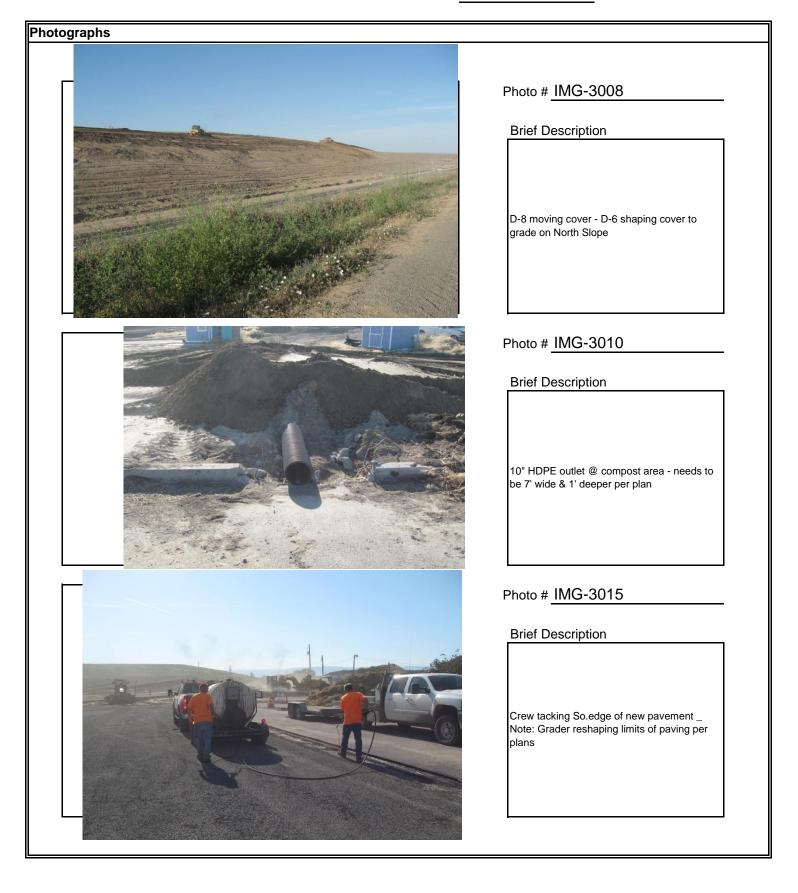
DATE

06/07/16

General Observations and Discussions Including but not limited to: a report of the day's operations, time log (if applicable),			
Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.		
7:00 to 3:30	Cat D-6 pushing cover material Area 5		
7:00 to 3:30	2 Scrapers hauling from borrow site to compost Haul Rd HDPE Xing & Area 5		
	D8 Dozer Pushing cover on temp haul rds North Slope Area 5 - Burdine		
7:00 to 3:30	Grader shaping temp hauling roads for scrapers/processing fill over HDPE strom pipe to Compost		
7:00 to 3:30	Water Truck dust control Borrow to Area 5 & compaction HDPE pipe		
	Cat -305 Idle		
7:00 to 3:00	:00 Moreno & Nelson - Stripping forms from Outlet & Inlet Structures & north curb to east end		
9:00 to 3:30	Humbert Asphalt - Paving Compost Rd expansion		
Field Tests Performed		Location	Results
None			
Copies Sent To			

**INSPECTOR** J. Petty

61 REPORT No. DATE 61 06/07/16





# Photo # IMG-3020

#### **Brief Description**

Compacting new subgrade after excess material removed

# Photo # IMG-3024

**Brief Description** 

Humbert crew on site on standby till additional grading completed

# Photo # IMG-3026



#### **Brief Description**

3rd pass of asphalt north of existing compost pad

# Photo # IMG-3033

**Brief Description** 

Soft - unstable area pumps when walked upon ??

# Photo # IMG-3036









Photo # IMG-3039

#### **Brief Description**

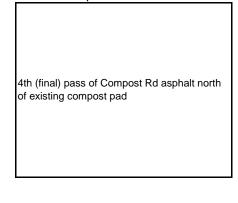
Backfilling north side of ditch with CSTC

# Photo # IMG-3042

**Brief Description** 

4th (final) pass of asphalt north of existing compost pad - wheel ruts

#### Photo # IMG-3044







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#### Photo # IMG-3050

#### **Brief Description**

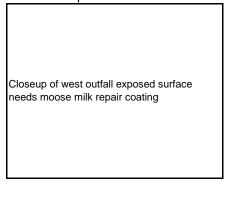
Intermountain Testing performing compaction testing < 92% keep rolling

# Photo # IMG-3056

**Brief Description** 

West view of CSTC backfill of HDPE liner anchor on north side of ditch

### Photo # IMG-3061





# **PROJECT OBSERVATION REPORT**

REPORT NO.		62					
DATE	C	6/08/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	IGE			60 - 88		

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR	J. Petty			
PRIME CONTRACTOR Culbert Construction				

Ave	rage Field	d Work Fo	orce								1		
Ν	Name of Contractor and/or Subcontractor(s) Superintendents/F					reman	Opera	ators	Laborers		Remarks		
Α.	Culbert Co	onstruction		К	ory Ellison		6	5	(	C	Area 5	5 Biosolids	s cover
C.	Moreno &	Nelson			Cruz				-	7	Remo	oved form	work
Equ	ipment at	t the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Descrip	otion				Opr	Stdby	Down	Idle
4		Cat 312 Ex	xcavator Idle										Х
Ą	P/T	Cat 305 Ex	xcavator - P/T exposin	ig end of 10" HD	PE along N	orth compost r	d ditch			P/T			P/T
Ą	2	Cat 623 F	Scraper - 2 hauling b	orrow to Compos	st Haul Rd a	& Area 5				2			
Ą		Cat 305 Ex	xcavator - idle										Х
Ą	1	Cat D-8 Do	ozer - Pushing cover o	over temp haul ro	ds on North	slope Area 5				1			
4	1	Water True	ck							1			
Ą	1	Komatsu V	NA 320 Loader - back	filling CSTC into	HDPE and	nor behind ditcl	h walls for	HPDE co	ver	1			
4	1	Komatsu G	GD 655 Grader - Fine	Grading Haul Rd	ds both side	s of North Ditcl	h			1			
Ą	1	Cat D-6 Do	ozer - pushing cover n	naterial Area 5						1			
Н													
Job	Site Visit	ors :											
	Time		Name			Repr	esenting				Rem	narks	
1	1::00 AM	F. Nicholso	on; J Petty; D. Jensen			City	of WW			Weekly	Const Me	eting	
1	1::00 AM	K. Ellison,	A Fazzari, C Schwyn		Colbert Co	nst / J-U-B, Sc	hwyn Env.						
Ero	sion Cont						Functi	oning ad	equately?	Yes /	4-7-16		
Is there any evidence of discharge of pollutants into surface wate				waters or s	storm system?	containe	d on site		Photo	s Taken?	# 3063	to 3095	
Traf	fic Contro	ol		Photos 7	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From 7:00			То	5:00 p	m OFF
		Was traffic	c control according to t	he approved TC	Plan?	n/a		From To			То		
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

PROJECT	Sudbury Landfill 5/2 Remediation	62 REPORT No.	62
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Г

DATE

06/08/16

Time	orders given and received, discus	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.				
7:00 to 3:30	Cat D-6 pushing cover material Area 5					
7:00 to 3:30	2 Scrapers hauling from compost Rd HDPE	E Xing to Area 5				
	D8 Dozer Pushing cover on temp haul ro	ds North Slope Area 5 - Burdine				
7:00 to 3:30	Grader shaping temp hauling roads for scra	apers/processing fill over HDPE strom pipe to Compost				
7:00 to 3:30	Water Truck dust control Borrow to Area	a 5 & compaction HDPE pipe				
	Cat -305 Idle					
7:00 to 10:00	Moreno & Nelson - loaded and remove	ed forms site				
Field Tests Pe	erformed	Location	Results			
None						
Copies Sent T						

**INSPECTOR** J. Petty

PAGE 2 OF 6 PAGES

62 06/08/16





Photo # IMG-3068

**Brief Description** 

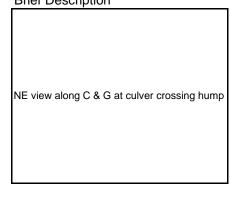
NW view of begin of drainage ditch behind barrier into new culvert & beyond

# Photo # IMG-3072

**Brief Description** 

SE view of new drainage alignment along barriers

### Photo # IMG-3072







**Brief Description** 

D-8 & D-6 pushing cover off haul rd & fine grading top cover NE corner Area 5

Photo # IMG-3093

**Brief Description** 

Loader placing CSTC in HDPE trench anchor

# Photo # IMG-3094

Brief Description

D-6 fine grading 1' cover material from N slope haul route



# **PROJECT OBSERVATION REPORT**

REPORT NO.		63					
DATE	C	6/09/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH			-	
APPROX. TEMP. RANGE 57 - 80 (Trace)							

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

Δνο	rage Field	Work E	orce										
	•		r Subcontractor(s)	Currentint			0.5.67	atoro	امه		[	Demorto	
	1		Subcontractor(s)			s/Foreman	Oper			Remarks			
Α.	Culbert Co				ory Ellis		6	5		0		5 Biosolids	
В.	ACF Cons			M	att Dem	aris				3	Alum	Straps on	curbs
Equ	ipment at												
	Operat	ting Contrac	tor's ID (A - E, see ab										
		1	Equi	ipment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator Idle										Х
A		Cat 305 Ex	cavator - Idle							P/T			P/T
A	2	Cat 623 F	Scraper - 2 hauling b	orrow to Area 5 -	- topsoil	to staging areas				2			
A		Cat 305 Ex	cavator - idle										Х
A	1	Cat D-8 Do	ozer -Idle							1			
A	1	Water Truc	ck							P/T			P/T
A	1	Komatsu V	VA 320 Loader - back	filling CSTC into	HDPE a	anchor behind ditc	h walls for	HPDE co	ver	1			
A	1	Komatsu G	GD 655 Grader - Fine	Grading 2" minus	s on Ha	ul Rds				1			
A	1	Cat D-6 Do	ozer - pushing cover n	naterial Area 5						1			
A	1	Dump Truc	ck - Hauling 2" minus	Crushed for haul	roads					1			
Job	Site Visit	ors :									11		
	Time		Name			Rep	resenting				Rem	narks	
1	1::30 AM	F. Nicholso	วท			City	of WW			Daily Pro	oject Revie	ew	
1	1::30 AM	Intermount	ain Testing							Compac	tion testing	g asphalt	
Eros	sion Cont	rol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Funct	ioning ad	equately?	Yes /	4-7-16
Is there any evidence of discharge of pollutants into surface wa					waters	or storm system?	containe	d on site		Photo	s Taken?	# 3096	to 3119
Traf	fic Contro	bl		Photos 7	Faken?	no	•	Inspector On Site Hours					
			Was Traffic	control required	today?			7:			m OFF		
		Was traffic	control according to t	the approved TC	Plan?	n/a		From			То		
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

INSPECTOR

\\DATA64\Engine\PROJECTS\Inspection Report Database

J. Petty

PAGE 2 OF 7 PAGES

REVIEWER

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.					
7:00 to 3:30	Cat D-6 pushing cover material Area 5					
7:00 to 3:30	2 Scrapers hauling from borrow site to Area	a 5 & staging areas				
	D8 Dozer Idle					
7:00 to 3:30	Grader shaping /spreading 2" minus on hat	uling roads/cover staging areas				
7:00 to 3:30	Water Truck dust control Borrow to Area	a 5 & compaction HDPE pipe				
7:00 to 3:30	Dump Truck Hauling topsoil from borrow &	Crushed 2" minus concrete - 429.73 Tons				
7:00 to 3:30	Loader placing CSTC in HDPE liner anchor	r on north Ditch				
12:00 to 3:00	AFC Construction - Delivered HDPE C	over & Aluminum Straps				
9:30 to 3:00	Stone Construction - Spreading Comp	ost Area 2 - <b>416.5 Cyds</b>				
Field Tests Pe	rformed	Location	Results			
None						
Copies Sent T	o					

**PROJECT**Sudbury Landfill 5/2 Remediation63**REPORT No.** 

DATE

63 06/09/16

Photographs	
	Photo # <u>IMG-3096</u> Brief Description West view of North ditch - backfilling/grading
	So trench anchor Photo # IMG-3097
	Brief Description
	West view North ditch - east extension raised ramp/sidwalls to prevent overflow
	Photo # IMG-3101
	Brief Description
	Adding cover material to triangle staging area south of Area 5

63 06/09/16







Photo # IMG-3102

**Brief Description** 

D-6 shaping cover material @ toe - North slope - adding fill west outlet area

# Photo # IMG-3103

**Brief Description** 

Adding crushed concrete to haul rd so of new Compost pad

# Photo # IMG-3104

Brief Description

Ongoing metal wiring in crushed concrete being processed on Haul Rds (from above)



# Photo # IMG-3105

#### **Brief Description**

Spreading compost on cover material SE corner Area 2

# Photo # IMG-3108

**Brief Description** 

Southwest view of NE toe of Area 5 haul road - rough grading Mod's required

### Photo # IMG-3109

Brief Description

SW view adding compost to northerly portion of Area 2



#### **Brief Description**

NE view of old concrete pile - adding topsoil to reclaim site

# Photo # IMG-3113

**Brief Description** 

NW view of haul rd west of Compost Pad down to North Haul Rd

# Photo # IMG-3114

Brief Description

D-6 fine grading 1' cover material from N slope haul route



Photo # IMG-3116

**Brief Description** 

Aluminum tie down straps being installed on top of curbs

Photo # IMG-3118

**Brief Description** 

Top of HDPE liner is below top of curb

# Photo # IMG-3119

Brief Description

East view of ditch section exposed liner to left along CSTC fill material to curb



Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

INSPECTOR J. Petty

# **PROJECT OBSERVATION REPORT**

REPORT NO.		64					
DATE	C	6/10/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE 53 -68 (0.23")							

	IE CONT		Culbert Construc	tion	-	ALL NOA. TE					-00 (0.2	20 /	
Avor	ano Fiolo	d Work Fo											
	•		· Subcontractor(s)	andants	/Foreman	Oper	ators	Lab	orers		Remarks		
A.	Culbert Co		Subcontractor(3)	•	ory Ellis		Oper			0	Area <sup>k</sup>	5 Biosolids	
А. В.	ACF Cons				att Dem					3		Straps on	
		the Site		101						0	Alum	011203 01	
Lqui			tor's ID (A - E, see ab	ove)									
	o por a	g e entrac		pment - ID No,	and Des	cription				Opr	Stdby	Down	Idle
А		Cat 312 Ex	cavator Idle	,						0.0		20111	X
Δ			cavator - Idle										x
A			Scraper - 2 hauling bo	orrow to Area 5	- topsoil	to staging areas							x
A			cavator - idle			·····gg ·····							X
A		Cat D-8 Do	ozer -Idle										х
A		Water Truc											х
A		Komatsu V	VA 320 Loader - backt	illing CSTC into	HDPE a	anchor behind ditc	h walls for	HPDE co	ver				х
А			D 655 Grader - Fine										х
A	1	Cat D-6 Do	ozer - pushing cover m	naterial Area 5						1			
A		Dump Truc	ck - Hauling 2" minus (	Crushed for hau	l roads								Х
Job S	Site Visit	ors :											
	Time		Name			Representing				Remarks			
11	::00 AM	F. Nicholso	วท		City of WW					Daily Pro	oject Revie	ew	
Erosion Control Are erosion control measures and			measures and E	BMPs:	In Place?	Const E	ntrance	Functi	ioning ad	equately?	Yes /	4-7-16	
Is there any evidence of discharge of pollutants into surface			waters	or storm system?	containe	d on site		Photo	s Taken?	# 3120	to 3141		
Traffic Control Photos 7				Taken?	? no Ins		Inspec	nspector On Site Hour		ours	ırs		
			Was Traffic	control required	today?	<b>light</b> Fro		From 7:00		To 5:00 pm OFF			
		Was traffic	control according to t	he approved TC	Plan?	n/a Fro		From	From To				
		Do a	all flaggers have curre	nt flagging/TCS	cards?	n/a		From		То			

PROJECT	Sudbury Landfill 5/2 Remediation	64 REPORT No.	64	

DATE

06/10/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.						
7:00 to 3:30	Cat D-6 pushing cover material Area 5 &	regrading NE corner					
7:00 to 3:30	2 Scrapers Idle						
	D8 Dozer Idle						
7:00 to 3:30	Grader Idle						
7:00 to 3:30	Water Truck Idle						
7:00 to 3:30	Dump Truck Idle						
7:00 to 3:30	Loader idle						
12:00 to 3:00	AFC Construction - Drilling /setting and	chor bolts & Aluminum Straps					
9:30 to 3:00	Stone Construction - Spreading Comp	ost Area 2 - <b>430 Cyds</b>					
Field Tests Pe	erformed	Location	Results				
None							
		<u> </u>					
Copies Sent 1	Copies Sent To						

**INSPECTOR** J. Petty

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**Brief Description** 

1 man culbert crew finish grading cover NE corner of Area 5 N Slope



Brief Description

Compost coverage Top Area 2 -min 1" required

Photo # IMG-3127

Starting to apply compost to SE corner of Area 5 by barriers
---









**Brief Description** 

Overview of compost coverage SE portion of Area 5

Photo # IMG-3108

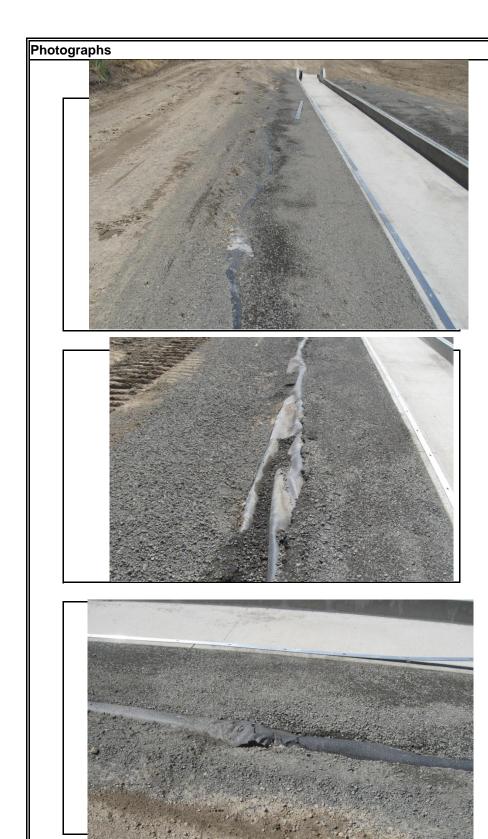
**Brief Description** 

Overview of compost coverage of Area 2

Photo # IMG-3133

Brief Description

Tear in HDPE No liner to be repaired when top liner welded to bottom



**Brief Description** 

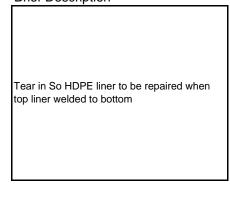
Meandering alignment of HDPE liner along ditch section

Photo # IMG-3135

**Brief Description** 

Meandering Horizontal/vertical alignment of HDPE liner along ditch section

# Photo # IMG-3136





#### **Brief Description**

Tear in So HDPE liner to be repaired when top liner welded to bottom

# Photo # IMG-3139

**Brief Description** 

Tracks of vehicle turning on soft spot by driveway/Compost Rd

# Photo # IMG-3119

Brief Description

Tracks of vehicle turning on soft spot by driveway/Compost Rd



Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

INSPECTOR J. Petty

# **PROJECT OBSERVATION REPORT**

REPORT NO.		65					
DATE	C	6/13/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN	MP. RAN	IGE		56	-73 (0.0	D1")	

PRI		RACTOR	Culbert Construct	ction	•						10 (0.	. ,		
Ave	rage Field	d Work F	orce											
Na	ame of Conti	ractor and/o	r Subcontractor(s)	Superint	endents	/Foreman	Opera	ators	Lab	orers		Remarks		
A.	Culbert Co	onstruction		Kory gone	- L Ave	rs Foreman	1 to	02		0		Haul road	s	
В.	ACF Cons	struction		M	att Dem	aris				3	Alum	Straps on	curbs	
Equ	ipment at	t the Site									•			
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)										
			Equi	pment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle	
A		Cat 312 Ex	xcavator Idle										Х	
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х	
A		Cat 305 Ex	xcavator - idle										Х	
A		Cat D-8 Do	ozer -Idle										Х	
A		Water True	ck										Х	
A	P/T	Komatsu V	NA 320 Loader - back	filling CSTC into	HDPE a	anchor behind dito	h walls for	HPDE co	ver	1			P/T	
A	1	Komatsu GD 655 Grader - Fine Grading 2" minus on Haul Rds 1												
А	P/T	Cat D-6 Do	ozer - pushing cover n	naterial Area 5						1			P/T	
А	P/T	Dump True	ck - Hauling 2" minus	Crushed for haul	roads								P/T	
Job	Site Visit	ors :												
	Time		Name		Representing					Remarks				
1	11::00 AM F. Nicholson					City	of WW			Daily Project Review				
Erosion Control Are erosion control measures and					BMPs:	In Place?	Const Entrance Func		Funct	ioning ad	equately?	Yes /	4-7-16	
Is there any evidence of discharge of pollutants into surface			ants into surface	waters					Photo	s Taken?	# 3120	to 3141		
Traffic Control Photos				Photos 7	Taken?	no	lo Inspector Or		tor On	on Site Hours				
			Was Traffic	control required	today?	light			7:00 To		То	5:00 pm OFF		
		Was traffic	c control according to t	he approved TC	Plan?	<b>n/a</b> From			om To					
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a	n/a From			То				

PROJECT	Sudbury Landfill 5/2 Remediation	65 REPORT No.	65	

DATE

06/13/16

Time	orders given and received, discus	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00 to 3:30	Cat D-6 pushing cover material Area 5 & regrading NE corner								
7:00 to 3:30	2 Scrapers Idle								
	D8 Dozer Idle								
7:00 to 3:30	Grader Idle								
7:00 to 3:30	Water Truck Idle								
7:00 to 3:30	Dump Truck hauling 2" minus on haul rds -	203.91 cu yds							
7:00 to 3:30	Loader - P/T loading dump truck								
12:00 to 3:00	AFC Construction - Drilling /setting and	chor bolts & Aluminum Straps							
9:30 to 3:00	Stone Construction - Spreading Comp	ost Area 2 - <b>294 Cyds</b>							
Field Tests Pe	erformed	Location	Results						
None									
Copies Sent T	Го								

**INSPECTOR** J. Petty

\_\_\_\_\_

65 REPORT No. DATE 65 06/13/16

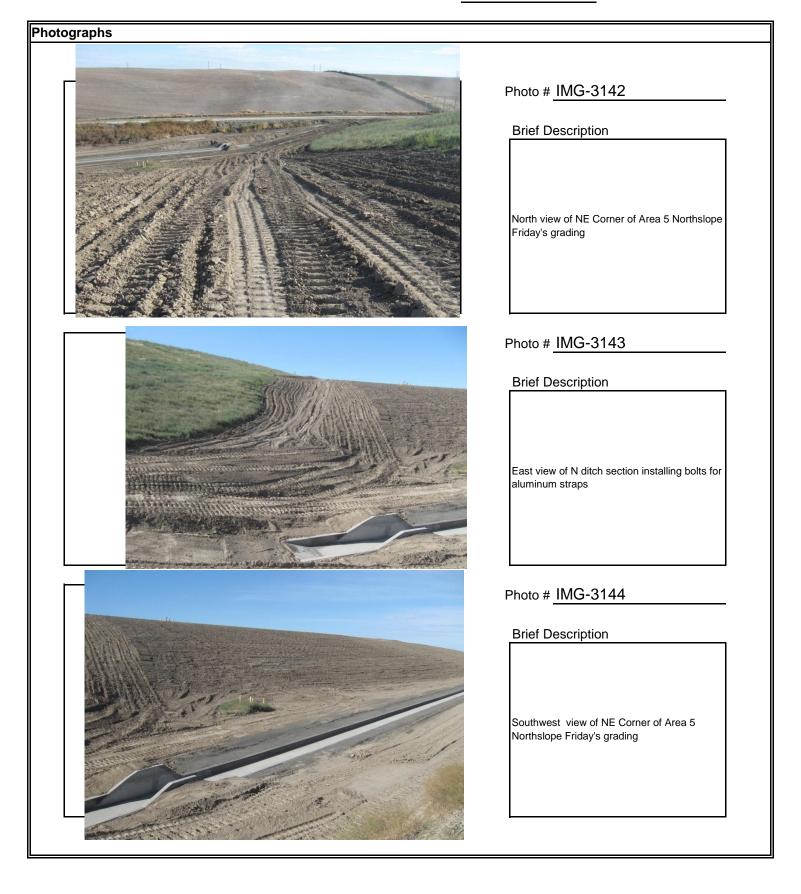




Photo # IMG-3147

**Brief Description** 

Compost application in mid portion of Area 5 by EW-15



**Brief Description** 

4 HDPE liner crew on site preping liner for welding HDPE liner cover to bottom

# Photo # IMG-3150



Project Name

**Project Engineer** City of Walla Walla

PROJECT

ENGINEER

INSPECTOR J. Petty

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.		66					
DATE	C	6/14/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN	MP. RAN	IGE		49	-68 (Tra	ace)	

				- '			•••••••••••••••••••••••••••••••••••••••				,		
PRI	ME CONT	RACTOR Culbert Constr	uction	-									
Ave	erage Fiel	d Work Force											
N	lame of Cont	ractor and/or Subcontractor(s)	Superin	tendents/F	oreman	Opera	ators	Lab	orers	Remarks			
Α.	Culbert C	onstruction	Kory gone	e- L Avers	s Foreman	1 to	o 2		0		Haul road	ls	
В.	ACF Cons	struction	N	latt Demai	ris				3	Alum	Straps or	n curbs	
Εqu	lipment a	t the Site											
	Opera	ating Contractor's ID (A - E, see	above)										
		Ec	quipment - ID No,	and Desc	ription				Opr	Stdby	Down	Idle	
A		Cat 312 Excavator Idle										Х	
A		Cat 623 F Scraper - both scra	apers i <i>dle</i>									Х	
A	1	Cat 305 Excavator - removing	soil from HDPE lin	ner ancho	r to allow welding	J			1				
A		Cat D-8 Dozer -Idle										х	
A		Water Truck										Х	
A		Komatsu WA 320 Loader - Idle 1								P/T			
А	P/T	Komatsu GD 655 Grader - Fir	e Grading north si	ide of Nort	h ditch P/T			P/T				P/T	
A	1	Cat D-6 Dozer - pushing cove	r material Area 5						1				
A		Dump Truck - Idle										Х	
	P/T	Stonethrower - P/T too windy	to place compost									P/T	
Job	Site Visi	tors :									-		
	Time	Name			Repr	resenting				Ren	narks		
1	11::00 AM F. Nicholson			1	City	City of WW Daily Pr					oject Review		
Ero	Erosion Control Are erosion control measures and		BMPs:	In Place?	Const E	ntrance	Funct	ioning ad	equately?	Yes /	4-7-16		
	Is there any evidence of discharge of pollutants into surface		utants into surface	e waters o	waters or storm system? contained on site			Photos Taken? # 31		# 3120	to 3141		
Tra	ffic Contr	ol	Photos	Taken?	no		Inspec	tor On	Site Ho	ours			
		Was Traf	fic control required	I today?	light		From	7	:00	То	5:00 p	m OFF	
		Was traffic control according t	o the approved TC	Plan?	n/a		From			То			
					-								

n/a

From

То

Do all flaggers have current flagging/TCS cards?

INSPECTOR

J. Petty

DATE

66

06/14/16

71

Time	Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.						
7:00 to 3:30	Cat D-6 pushing cover material Area 5 & tracking areas where compost applied						
7:00 to 3:30	2 Scrapers Idle						
	D8 Dozer Idle						
7:00 to 8:30	Grader P/T AM then Idle Herman hurt back and left early						
7:00 to 3:30	Water Truck Idle						
7:00 to 3:30	Dump TruckIdle no hauling 2" minus						
7:00 to 3:30	Loader -Idle not hauling today						
12:00 to 3:00	AFC Construction - Drilling /setting and	chor bolts & Aluminum Straps					
9:30 to 3:00	Stone Construction - too windy called	off - <b>7.0 CYds</b>					
Field Tests Pe	erformed	Location	Results				
None							
Copies Sent T	ō						

REVIEWER

PAGE 2 OF 6 PAGES

PROJECT

Sudbury Landfill 5/2 Remediation 66 REPORT No.

PROJECT	Subdbury Landfill Remediation 2/5	66 REPORT No.	66
		DATE	06/14/16





Photo # IMG-3155

**Brief Description** 

East view - getting ready to repair tear in liner North side HDPE liner

# Photo # IMG-3157

**Brief Description** 

East view-digging out HDPE liner to expose liner for welding cover onto bottom

### Photo # IMG-3158

Brief Description

East view- North HDPE liner to expose liner for welding cover onto bottom







**Brief Description** 

Exposed south liner - not per detail

# Photo # IMG-3168

**Brief Description** 

West end - exposed liner - meandering vert/Horiz alignment

# Photo # IMG-3172

Brief Description

Triming 5' wide cap liner to match meandering horiz/vert alignment



Project Name

**Project Engineer** 

City of Walla Walla

PROJECT

ENGINEER

INSPECTOR J. Petty

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.		67					
DATE	C	6/15/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN		45	-68 (0.0	03")			

PRI		RACTOR	Culbert Construct	ction							(	,	
Ave	rage Field	d Work Fe	orce										
N	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents/Forema	an	Opera	ators	Labo	orers		Remarks	
A.	Culbert Co	onstruction		Kory gone	- L Avers Forer	man	1 to	2		0		Haul road	s
В.	ACF Cons	struction		M	att Demaris				:	3	Alum	Straps on	curbs
Equ	ipment at	t the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Description					Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator Idle										Х
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
A	P/T	Cat 305 Ex	cavator - removing so	bil from HDPE lin	er anchor to allo	ow welding				P/T			P/T
A		Cat D-8 Do	ozer -Idle										Х
A	P/T	Water True	ck							P/T			P/T
Ą		Komatsu V	VA 320 Loader - P/T t	ried to move con	crete barriers -	too slow / I	dle rest of	day		1			P/T
A	P/T	Komatsu GD 655 Grader - Fine Grading north side of North ditch P/T						P/T			P/T		
A	2-Jan	Cat D-6 Do	ozer - pushing cover n	naterial Area 5						1/2			P/T
A	P/T	Dump True	ck - 1/2 day										P/T
	P/T	Stonethrov	ver - placing compost							1			
Job	Site Visit	ors :											
	Time Name				Representing				Remarks				
1	1::00 AM	Image: Market State         F. Nicholson, J. Petty, D Jensen, C Schwyn         City of WW         Weekly Project M					Project Me	eeting					
			Alex Fazzari		Culbert Constru	-							
Erosion Control Are erosion control measures and						Const Entrance Func			equately?				
			of discharge of polluta				containe				s Taken?	# 3173	to 3206
Traf	fic Contro	ol		Photos 7					n Site Hours				
				control required		light		From	7:	00	То	5:00 pi	m OFF
			control according to t			n/a		From			То		
		Do	all flaggers have curre	nt flagging/TCS	cards?	n/a		From			То		

Water Truck Idle
Dump Truck- Idle no hauling 2" minus - <b>0 CYds</b>
Loader -Idle not hauling today
AFC Construction - Drilling /setting anchor bolts & Aluminum Straps - spot welding

12:00 to 3:00 AFC Construction - Drilling /setting anchor bolts & Aluminum Straps - spot welding HDPE liner 9:30 to 3:00 Stone Construction - spreading compost Area 5 - 402.5 CYds Field Tests Performed Location Results None

**Copies Sent To** 

Time

7:00 to 3:30

7:00 to 3:30

7:00 to 8:30

7:00 to 3:30

7:00 to 3:30

7:00 to 3:30

2 Scrapers Idle

D8 Dozer Idle

INSPECTOR J. Petty

**PROJECT**Sudbury Landfill 5/2 Remediation67**REPORT No.**67

Cat D-6 tracking areas where compost applied

Grader Kory ran grader 1/2 day sloping toe by north ditch

DATE

orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

06/15/16

PAGE 2 OF 8 PAGES

67 REPORT No. DATE

67 06/15/16

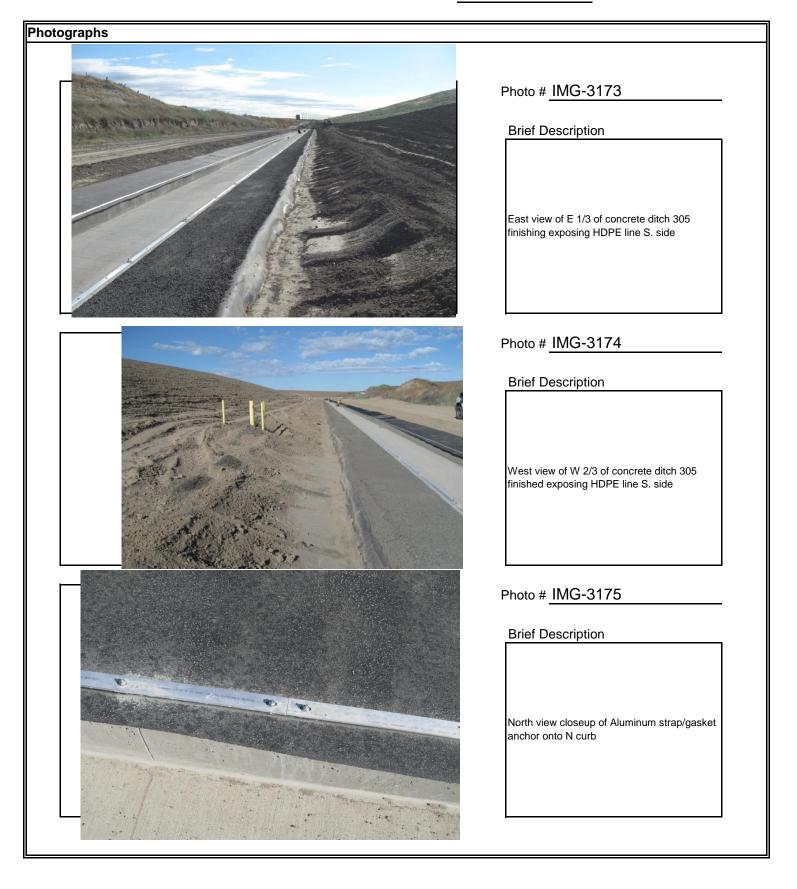






Photo # IMG-3179

**Brief Description** 

Compost spreader on SE corner slope Area 2

# Photo # IMG-3181

**Brief Description** 

Cut bank for compost spreading access along toe SE corner of slope Area 2

### Photo # IMG-3164

**Brief Description** 

Southerly view Compost application by SW-Corner not uniform on Area 2 after tracking



Photo # IMG-3193

**Brief Description** 

Northerly view Compost application NW Corner Area 2 - acceptable coverage

Photo # IMG-3194

**Brief Description** 

SW Corner of D/W @ compost Rd - removed soil replaced with 12" of crushed concrete

# Photo # IMG-3195

**Brief Description** 

East view concrete ditch trimming HDPE liner/grinding/spot tacking/welding cover



Photo # IMG-3199

**Brief Description** 

Northwest Overview of northerly portion of Area 5 compost coverage

Photo # IMG-3200

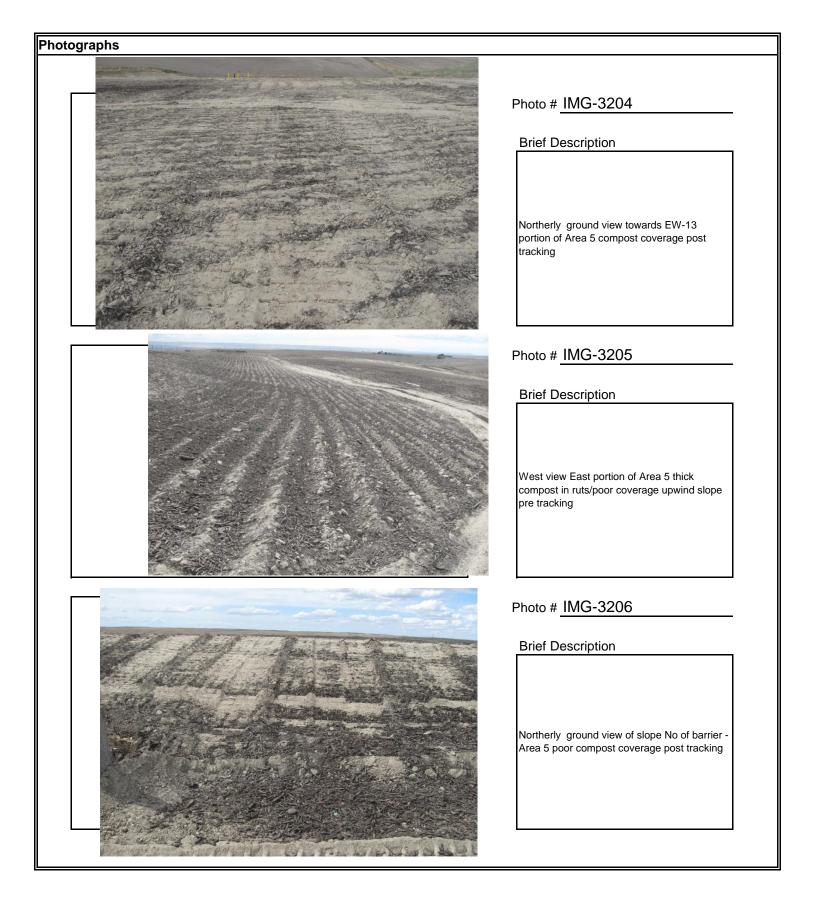
**Brief Description** 

West Overview of northerly portion of Area 5 compost coverage

Photo # IMG-3201

Brief Description

Westerly ground view of southerly portion of Area 5 compost coverage pre tracking





# **PROJECT OBSERVATION REPORT**

REPORT NO.		68					
DATE	06/16/16						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE				47	-68 (0.0	03")	

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

Ave	rage Field	d Work F	orce										
Na	ame of Conti	actor and/o	r Subcontractor(s)	Superint	tendents/Forem	nan	Oper	ators Laborers			Remarks		
Α.	Culbert Co	onstruction	Instruction Kory gone- L Avers Foreman 1 to 2 2 Haul roads						s				
В.	ACF Cons	truction		M	att Demaris				:	3	Alum Str	aps/HDP	E weldin
Equ	ipment at	the Site									-		
	Opera	ting Contrac	ctor's ID (A - E, see ab	oove)									
Equipment - ID No, and Description							Opr	Stdby	Down	Idle			
A		Cat 312 Ex	xcavator Idle										Х
Ą		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
4	P/T	Cat 305 Ex	xcavator -Idle							P/T			P/T
4		Cat D-8 Do	ozer -Idle										Х
A	P/T	Water True	ck							P/T			P/T
Ą		Cat Forklif	t - P/T move concret	e barriers - finish	ned Area 5 / Idle	e rest of da	у			1			P/T
A	P/T	Komatsu GD 655 Grader - Fine Grading north side of North ditch P/T     P/T     P/T						P/T					
A	2-Jan	Cat D-6 Dozer - tracking cover material/compost Area 5 1/2						P/T					
A	P/T	Dump True	ck - Hauling 2" minus	most of day									P/T
	P/T	Stonethrower - idle too windy/dusty X						Х					
Job	Site Visit	ors :								1			
	Time		Name			Representing			Remarks				
1	1::30 AM	F. Nicholson, J. Petty, D Jensen, C Schwyn City of WW						Daily progress review					
Eros	sion Cont	ntrol Are erosion control measures and BMPs: In Place			In Place?	Const E	ntrance	Funct	ioning adequately? Yes / 4-7-16		4-7-16		
	Is there any evidence of discharge of pollutants into surface waters or s		waters or storr	m system?	containe	d on site		Photo	s Taken?	# 3207	to 3241		
Traf	fic Contro	ol		Photos 7	Taken?	no		Inspec	tor On	n Site Hours			
			Was Traffic	control required	today?	light		From 7:00 To 5:00			5:00 p	m OFF	
		Was traffic	control according to t	the approved TC	Plan?	n/a		From			То		
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From			То		

PROJECT	Sudbury Landfill 5/2 Remediation	68	REPORT No.	68

DATE

06/16/16

Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mo	nthly estimate.			
7:00 to 3:30	Cat D-6 tracking areas where compost applied					
7:00 to 3:30	2 Scrapers Idle					
7:00 to 11:30	Cat fork lift setting concrete barriers alor	ng Compost road 1/2 day				
7:00 to 8:30	Grader sloping NW haul rd & placing gradi	ng 2" minus to finish Haul Rds				
7:00 to 3:30	Water Truck Idle					
7:00 to 3:30	Dump Truck- hauling 2" minus - 436.33 CY	/ds				
7:00 to 3:30	Loader -Idle not hauling today					
12:00 to 3:00	AFC Construction - Drilling /setting an	chor bolts & Aluminum Straps - spot/finish welding	HDPE liner			
9:30 to 3:00	Stone Construction - Idle too windy - 0	) CYds				
Field Tests Performed		Location	Results			
None						
		<u> </u>				
Copies Sent 1	Copies Sent To					

**INSPECTOR** J. Petty

F

PROJECT	Subdbury Landfill Remediation 2/5	68 REPORT No.	68	
		DATE _	06/16/16	

Photographs	
	Photo # <u>IMG-3208</u> Brief Description
	Grinding both surfaces to prep for weld
	Photo # IMG-3209
	Brief Description
	Grinding both surfaces to prep for weld - hard on the back
	Photo # IMG-3210
	Brief Description
	West view of haul road finish coarse by east gate



Photo # <u>IMG-3211</u>					
Brief Description					
2" minus Concrete dumped around sump pump north slope Area 5					

# Photo # IMG-3211

Brief Description

Cat Forklift	picking/setting	concrete	barriers

# Photo # IMG-3211

Brief Description

Dozer tracking compost/top coarse above EW-12; 14;16 & 18 north slope



Photo # IMG-3217

**Brief Description** 

shaping acces rd to sump pump station NW corner of Area 5

# Photo # IMG-3219

**Brief Description** 

Continuing east Laying 5' cover HDPE and bolting down to curb

# Photo # IMG-3220

Brief Description	
Patching holes in cover HDPE liner	



Photo # IMG-3221

Brief Description

Finish weld cover to bottom liner with grinding on both pieces before welding

Photo # IMG-3223

**Brief Description** 

Additional 2" minus added to haul road to Area 8 borrow site

Photo # IMG-3195

Brief Description

Dozer kicking up dust & compost when tracking in the wind - Water?



Photo # IMG-3227

**Brief Description** 

Concrete barriers in place along south boundary of Area 5

Photo # IMG-3228

**Brief Description** 

Reinforcing steel for collar around 10" HDPE storm pipe across Compost Rd

# Photo # IMG-3232

Brief Description

Reinforcing steel for 10" HDPE storm pipe outlet - needs 6" CSTC base @ base





# **PROJECT OBSERVATION REPORT**

REPORT NO.		69					
DATE	0	06/17/16					
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH			-	
APPROX. TEMP. RANGE				47	-80 (0.0	03")	

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

Ave	rage Fiel	d Work F	orce											
Na	Name of Contractor and/or Subcontractor(s) Superintendents					s/Foreman	(	Operat	ors	Laborers		Remarks		
Α.	A. Culbert Construction Kory gone- L Avers Foreman							1 to 2	2		2	Compost/Haul roads		roads
В.	ACF Cons	struction		М	att Dem	aris					3	Alum Str	aps/HDPI	E welding
Equ	ipment a	t the Site												
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)										
			Equi	ipment - ID No,	and Des	scription					Opr	Stdby	Down	Idle
A		Cat 312 E	xcavator Idle											Х
А		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>										Х
A	P/T	Cat 305 E	xcavator -Idle								P/T			P/T
A		Cat D-8 D	ozer -Idle											Х
A	P/T	Water Tru	ck								P/T			P/T
A	P/T	Komatsu L	Komatsu Loader								1			P/T
A	P/T	Komatsu (	GD 655 Grader - Fine	Grading north si	de of No	orth ditch P/T					P/T			P/T
A	1	Cat D-6 D	ozer - tracking cover n	naterial/compost	Area 5						1/2			P/T
A	P/T	Dump Tru	ck - Idle											P/T
	P/T	Stonethrow	wer - idle too windy/du	sty										Х
Job	Site Visit	tors :			•									
	Time		Name			Representing				Remarks				
1	1::30 AM	Frank Nich	nolson		City of WW				Daily progress review					
		<u> </u>	I .		<u> </u>									
Eros	sion Cont		Are erosion control			In Plac		onst Ent		Funct	•	equately?		4-7-16
	Is there any evidence of discharge of pollutants into surface				-		ntained				s Taken?	# 3242	to 3277	
Traf	fic Contro	ol		Photos		no Inspector			or On Site Hours					
				control required	,	lig			rom	7:	7:00 To		3:30 pm OFF	
			control according to t	••		n/			rom		То			
	Do all flaggers have current flagging/TCS cards?					n/	а	From To			То			

PROJECT Sudbury	/ Landfill 5/2 Remediation	69	REPORT No.	69
-----------------	----------------------------	----	------------	----

DATE

06/17/16

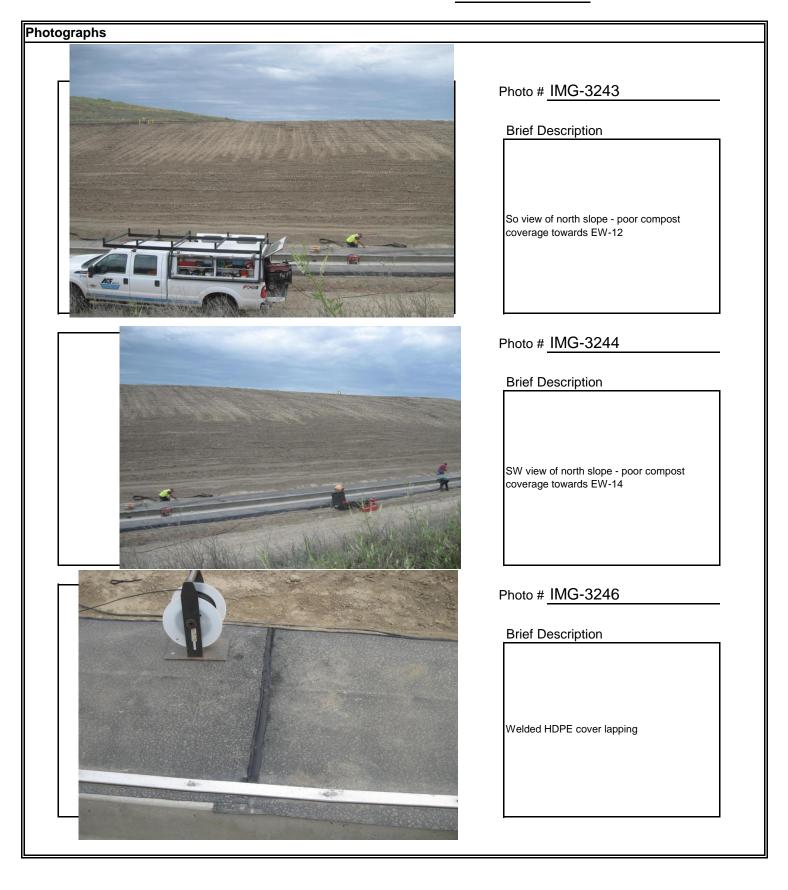
Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
7:00 to 3:30	Cat D-6 tracking areas where com	post applied						
7:00 to 3:30	2 Scrapers Idle	2 Scrapers Idle						
7:00 to 12:00	Grader sloping/grading 2" minus to fi	nish Haul Rds						
7:00 to 3:30	Water Truck P/T late in afternoon on	NW corner dusty						
7:00 to 3:30	Dump Truck- Idle - <b>0 CYds</b>							
7:00 to 3:30	Loader -P/T cleanup							
12:00 to 3:00	AFC Construction - Drilling /settir	ng anchor bolts & Aluminum Straps - s	spot/finish welding HDPE liner					
	Crew left early - getting dust	ed out by compost hauler due to winc	dy conditions					
9:30 to 3:00	Stone Construction - windy - 364	CYds						
Field Tests P	erformed	Location	Results					
None								
Copies Sent 1	Γο							

**INSPECTOR** J. Petty

REVIEWER

69 REPORT No. DATE

69 06/17/16



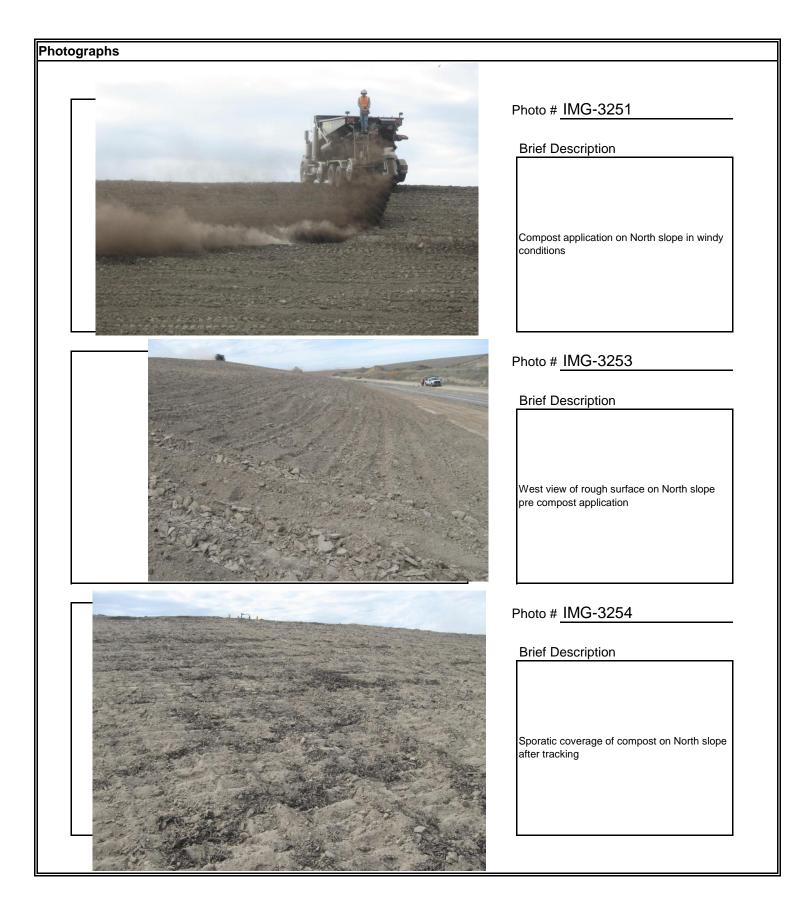




Photo # IMG-3257

#### **Brief Description**

Sporatic coverage of compost on North slope before tracking

# Photo # IMG-3259

**Brief Description** 





Wasted pil EW-16	e of compos	t on North s	lope by

### Photo # IMG-3260

Brief Description

Sporatic coverage of compost on North slope after tracking - heavy rut app shows up





Photo # IMG-3273

**Brief Description** 

Closeup - Watering/Compost/tracking NW corner of Area 5 - Very windy/dusty

Photo # IMG-3275

**Brief Description** 

Compost application below EW-14 - poor coverage - need to evaluate method?

Photo # IMG-3277

Brief Description

Watering/Compost/tracking NW corner of Area 5 - water seemed to help



# **PROJECT OBSERVATION REPORT**

REPORT NO.		70					
DATE	C	6/20/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			53 -81				

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

Avera	ige Field	d Work Fe	orce										
Name of Contractor and/or Subcontractor(s) Superinte				endents	/Foreman	Opera	ators Laborer		orers	Remarks		3	
Α.	Culbert Co	ulbert Construction Kory gone- L Avers Foreman 0								0	No er	mployees	on site
В.	ACF Cons	struction		Ma	att Dem	aris	C	)		3	Welding	seams H	IDPE liner
Equip	ment at	t the Site											
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle
A		Cat 312 Ex	xcavator Idle										Х
٩		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
Ą		Cat 305 Ex	xcavator -Idle										Х
4		Cat D-8 Do	ozer -Idle										Х
٩		Water True	ck - Idle										Х
4		Komatsu Loader - Idle									Х		
4		Komatsu G	GD 655 Grader - Idle										Х
4		Cat D-6 Do	ozer - Idle										Х
٩		Dump True	ck - Idle										Х
	1	Stonethrow	wer - Aplying Compos	North Slope Are	ea 5					1			
Job S	ite Visit	ors :											
-	Гime		Name		Representing				Remarks				
10:	30 AM	Frank Nich	nolson		City of WW				Daily progress review				
		<u> </u>	· · ·						_	<u> </u>			
Erosi	on Cont		Are erosion control			In Place?			Funct	•	equately?		4-7-16
		-	of discharge of pollut				containe	1			s Taken?	# 3278	to 3290
Traffic Control Photos									nspector On Site Hours				
				control required							5:00 pm OFF		
			control according to t			n/a From				То			
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a	From To						

PROJECT	Sudbury Landfill 5/2 Remediation	70

REPC	ORT No.
------	---------

70 06/20/16

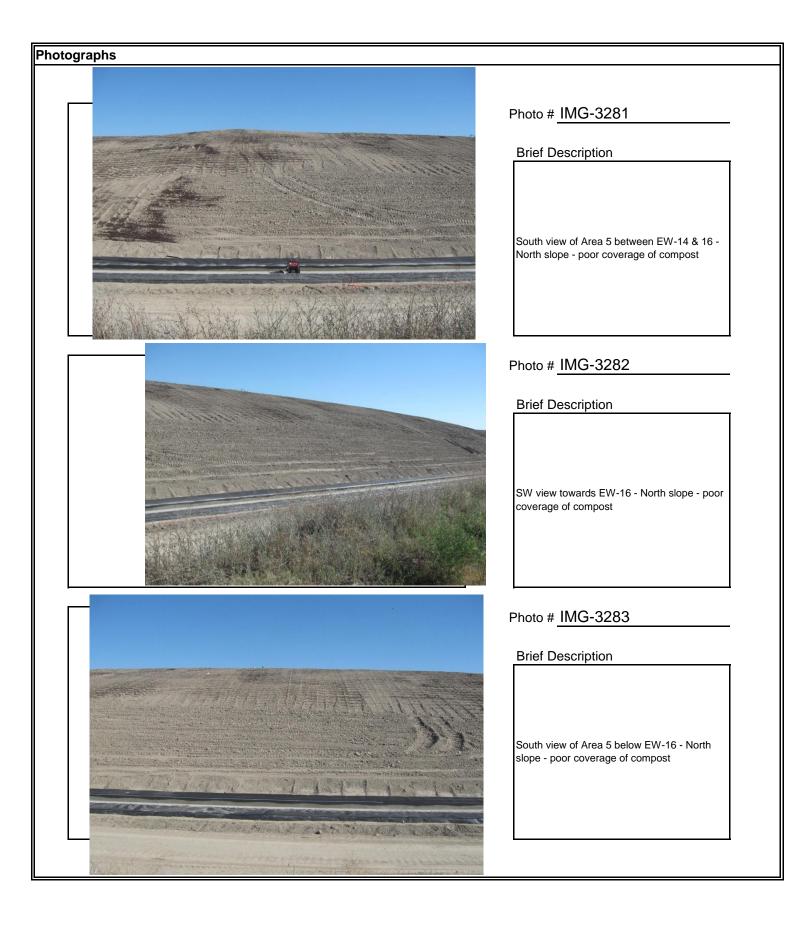
DATE

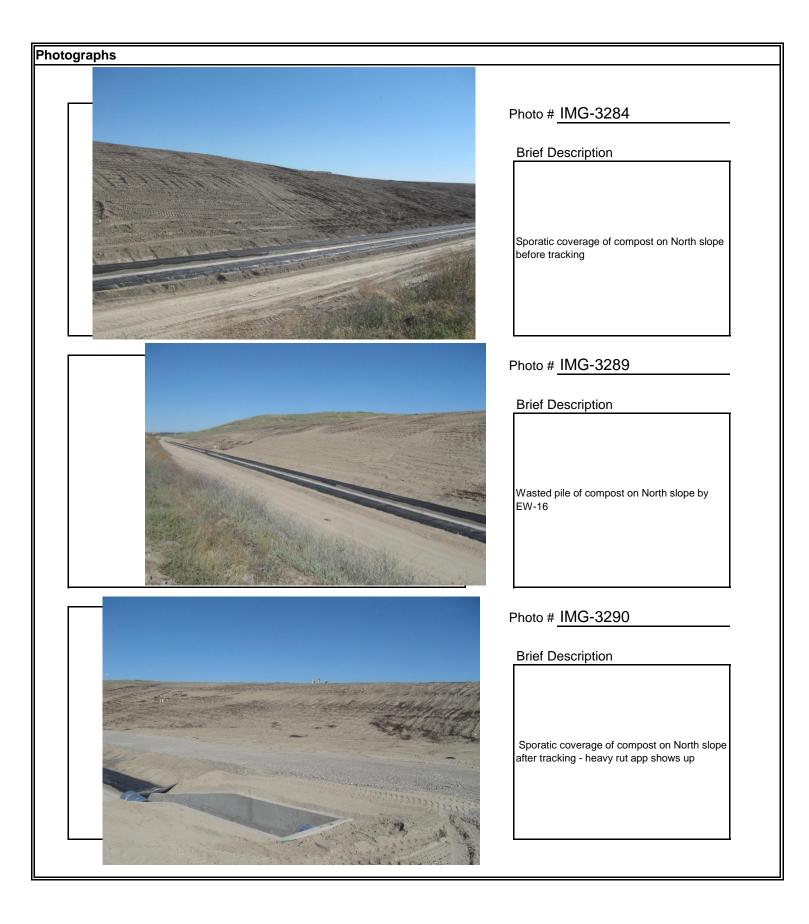
Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	Cat D-6 Idle							
	2 Scrapers Idle							
	Grader Idle							
	Water Truck Idle							
	Dump Truck- Idle - <b>0 CYds</b>							
	Loader -Idle							
12:00 to 3:00	AFC Construction - Welding seams &	installing neopreme gaskets 1/2 day						
9:30 to 3:00	Stone Construction - windy - 406 CYd	ls						
Field Tests Pe	erformed	Location	Results					
None								
Copies Sent T	Copies Sent To							

**INSPECTOR** J. Petty

70 REPORT No. DATE 70 06/20/16

Photographs	
	Photo # IMG-3278 Brief Description
	South view of NE corner Area 5 by EW-12 - North slope - poor coverage of compost
We the second seco	
	Photo # IMG-3279
	Brief Description
	SW view of north slope - poor compost coverage towards EW-14
	Photo # IMG-3280
	Brief Description
	Welded HDPE cover lapping







Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

INSPECTOR J. Petty

# **PROJECT OBSERVATION REPORT**

REPORT NO.		71					
DATE	C	6/21/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			56 -79	)			

		· · · · · ·									00 70			
PRIME (	CONT	RACTOR	Culbert Construct	ction										
Average	e Fielc	d Work Fo	orce											
Name o	of Contr	actor and/or	r Subcontractor(s)	Superint	tendents/Foreman Operators			Laborers			Remarks	5		
C Wa	alla Wal	la Electric		Jas	son Han	cock	C	)		1		Flare		
B. AC	F Cons	truction		Ma	att Dem	aris	C	)	.,	3	Welding seams HDPE li			
Equipm	ent at	the Site												
	Opera	ting Contrac	ctor's ID (A - E, see ab	ove)										
			Equi	pment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle	
A		Cat 312 Ex	cavator Idle										Х	
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х	
1		Cat 305 Ex	cavator -Idle										Х	
Λ		Cat D-8 Do	ozer -Idle										Х	
1		Water Truc	ck - Idle										Х	
1		Komatsu L	oader										Х	
Λ		Komatsu G	GD 655 Grader - Fine	Grading north sid	de of North ditch P/T								Х	
Λ		Cat D-6 Do	ozer - tracking cover n	naterial/compost	t Area 5								Х	
4		Dump Truc	ck - Idle									Х		
		Stonethrov	ver - Off Site other job	S									Х	
Job Site	e Visit	ors :												
Time	e		Name			Rep	resenting				Rer	narks		
10:30	AM	Frank Nich	nolson		City of WW				Daily pro	ogress revi	ew			
Frosion	Cont	rol	Are erosion control	measures and P	3MPs <sup>.</sup>	In Place?	Const E	ntrance	Functi	oning ad	equately?	Yes /	4-7-16	
Erosion Control Are erosion control measures and Is there any evidence of discharge of pollutants into surface										s Taken?	# 3291			
Fraffic C		-		Photos 1				tor On						
			Was Traffic	control required					7:00 To		5:00 p	m OFF		
		Was traffic	control according to t	he approved TC	Plan?					То				
			all flaggers have curre			n/a		From			То			

**71 REPORT No.** 71

DATE

06/21/16

-1

Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mo	nthly estimate.				
	Cat D-6 Idle						
	2 Scrapers Idle						
	Grader Idle						
	Water Truck Idle						
	Dump Truck- Idle - 0 CYds						
	Loader -Idle						
	Walla Walla Electric at Flare working on fro	ing on frost proofing					
12:00 to 2:00	AFC Construction Wolding coome 8	ma 8 installing naanzama gaakata undar aluminum atrana					
12.00 10 3.00	AFC Construction - weiding seams &	& installing neopreme gaskets under aluminum straps					
	Stone Construction - On another Job t	aday					
		oday					
Field Tests Pe	erformed	Location	Results				
None							
Copies Sent T	- 0	•					

**INSPECTOR** J. Petty

71 REPORT No. DATE 71 06/21/16

Photographs Photo # IMG-3291 **Brief Description** vertical HDPE liner weld south cover to botton liner - (not horizontal per detail) Photo # IMG-3292 **Brief Description** meandering vertical HDPE liner weld south cover to botton liner - (not straight per detail) Photo # IMG-3293 **Brief Description** West end meandering vertical HDPE liner weld south cover to botton liner



Photo # IMG-3294

**Brief Description** 

West end meandering vertical HDPE liner weld north cover to botton liner

Photo # IMG-3295

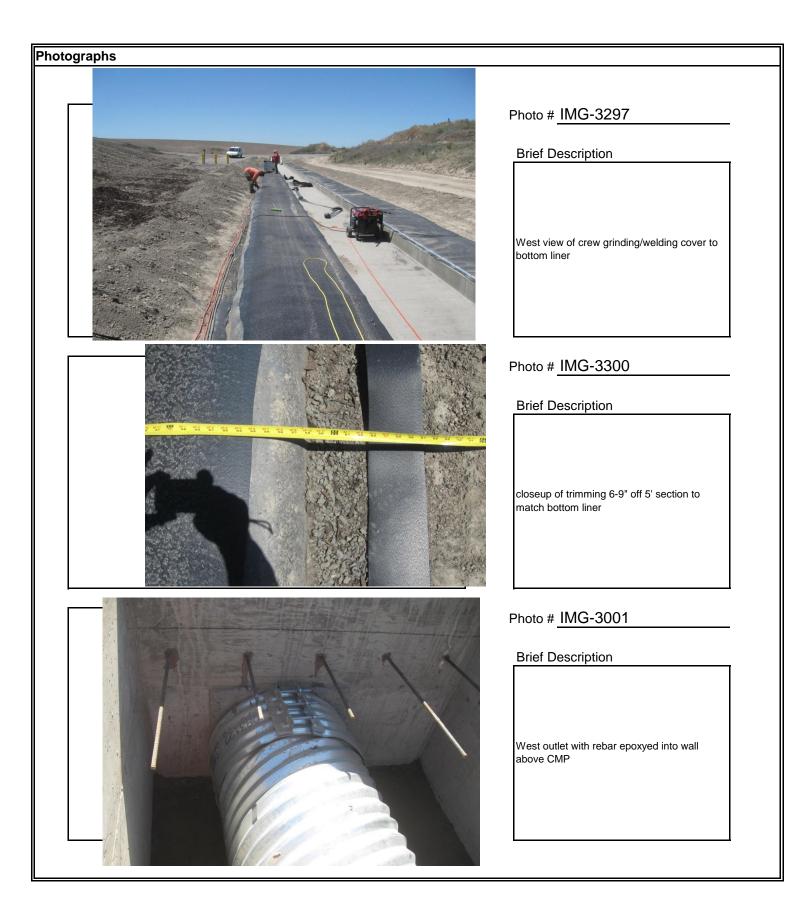
**Brief Description** 

Repair patch of cover liner

Photo # IMG-3283

**Brief Description** 

East view of north liner cover west end of ditch





Project Name

PROJECT

# **PROJECT OBSERVATION REPORT**

REPORT NO. 72							
DATE	DATE 06/22/16						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND STILL MODER.			HIGH				
APPROX. TEI	MP. RAN	IGE			53 -85	5	

ENGI	IT City of Walla Walla			WIND	STILL	MODE
CLIEN	NT	City of Walla Walla				
INSPE	ECTOR	J. Petty		APPROX. TE	MP. RAN	IGE
PRIM	E CONT	RACTOR Culbert Constru	ction			
Avera	age Field	Work Force				
	•	I Work Force actor and/or Subcontractor(s)	Superint	endents/Foreman	Oper	ators
Nam	•	actor and/or Subcontractor(s)		endents/Foreman avie Newton	Oper 1	ators

Na	me of Cont	ractor and/or Subc	contractor(s)	Superint	endents/Forem	nan	Opera	Operators Lab			aborers Remarks		S
C.	Walla Wa	lla Electric		Da	avie Newton		1		1	0		Flare bld	g
В.	ACF Cons	struction		Ma	att Demaris		0		3		Welding seams HDPE liner		
Equi	pment a	t the Site											
	Opera	ating Contractor's I	D (A - E, see abo	ove)									
			Equip	oment - ID No, a	and Descriptior	ı				Opr	Stdby	Down	Idle
A		Cat 312 Excavator Idle											Х
A		Cat 623 F Scraper - both scrapers idle											х
A	Cat 305 Excavator -Idle												Х
A		Cat D-8 Dozer -I	dle										Х
A		Water Truck - Id	le										Х
A		Komatsu Loader											Х
A		Komatsu GD 655	5 Grader - Fine G	Grading north sid	de of North ditc	h P/T							Х
A		Cat D-6 Dozer -	tracking cover m	aterial/compost	Area 5								Х
A		Dump Truck - Idl	e										Х
		Stonethrower - C	Off Site other jobs	3									Х
											0		
Job	Site Visi	tors :											
	Time		Name		Representing						Rei	marks	
10	):30 AM	Jeremy Jones				Andersor	n Perry - to	ро		Topo fini	ish grades	s for CQA	
		No Weekly Meet	ing today next m	eeting to be	A Project walk	thru on Ju	ne 28 for p	unchlist				r	
Erosion Control Are erosion control measures and			BMPs:	In Place?	Const E	ntrance	Funct	ioning ad	equately?	Yes /	4-7-16		
Is there any evidence of discharge of pollutants into surface				nts into surface	waters or storr	vaters or storm system? contained on site					s Taken?	# 3307	' to 3309
Traffic Control Photos					Taken? no Inspector On				Site Hours				
Was Traffic control required						· · · · · · · · · · · · · · · · · · ·			7:	7:00 To		5: pm OFF	
		Was traffic control	-			n/a From				То			
		Do all flag	cards?	n/a		From			То				

PROJECT	Sudbury Landfill 5/2 Remediation	72 REPORT No.	72

06/22/16

DATE

Time	orders given and received, discu	cussions with contractor, and any applicable statements for the monthly estimate.					
	Cat D-6 Idle						
	2 Scrapers Idle						
	Grader Idle						
	Water Truck Idle						
	Dump Truck- Idle - 0 CYds						
	Loader -Idle						
	Walla Walla Electric at Flare working on fro	ost proofing					
12:00 to 3:00	AFC Construction - Welding seams &	installing neopreme gaskets under aluminum straps	5				
	Stone Construction - On another Job t	oday					
Field Tests Pe	erformed	Location	Results				
None							
0	-		<u> </u>				
Copies Sent T	0						

**INSPECTOR** J. Petty

otographs	
	Photo # IMG-3291
	Brief Description
	Jeramy A-P on 4-wheeler topoing Area 5 for record drawings
	Photo #
	Brief Description
	Photo #
	Brief Description



# **PROJECT OBSERVATION REPORT**

REPORT NO. 73							
DATE	0	6					
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	VIND STILL MODER.						
APPROX. TEI	MP. RAN		58	-80 - (0	.10")		

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONTI	RACTOR Culbert Construction

Ave	rage Fiel	d Work F	orce											
Na	ame of Con	tractor and/o	r Subcontractor(s)	Superint	endents	s/Foreman	Opera	ators	Laborers		Remarks			
Α.	Walla Wa	alla Electric		Da	avid Nev	wton	C	) 1		Flare frost protection				
В.	ACF Con	struction		М	att Dem	aris	C	)	;	3	Welding	seams H	DPE liner	
Equ	ipment a	t the Site												
	Opera	ating Contrac	ctor's ID (A - E, see ab	oove)										
			Equi	ipment - ID No,	and Des	scription				Opr	Stdby	Down	Idle	
A		Cat 312 E	xcavator Idle										Х	
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х	
A		Cat 305 E	xcavator -Idle										Х	
A		Cat D-8 D	ozer -Idle										Х	
A		Water Tru	ck - Idle										Х	
A		Komatsu L	₋oader										Х	
A		Komatsu (	GD 655 Grader - Fine	Grading north si	de of No	orth ditch P/T							Х	
A		Cat D-6 D	ozer - tracking cover n	naterial/compost	Area 5								Х	
A		Dump Tru	ck - Idle										Х	
		Stonethrow	wer - Off Site other job	)S									Х	
Job	Site Visi	tors :												
	Time		Name		Representing				Remarks					
	-lon 0- :		Ann				0		<b>F</b>			March	4 7 4 0	
Eros	sion Con		Are erosion control			In Place?	Const E		Functi	•	equately?		4-7-16	
Traf	Is there any evidence of discharge of pollutants into surface wa					-	containe	1	10× 0		s Taken?	# 3310	to 3330	
irat	fic Contr	01		Photos		no		Inspec			r	0.20	Dordina	
		Mostration		control required	,	light	-				To Ta			
			c control according to t			n/a		From 9:30 to			To Berdine To 5:00 PM - Off			
		Do	all flaggers have curre	ent flagging/ I CS	cards?	n/a		From	10:30 a	am - LF	То	5:00 H	rivi - Utt	

06/23/16

DATE

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.			
	Cat D-6 Idle			
	2 Scrapers Idle			
	Grader Idle			
	Water Truck Idle			
	Dump Truck- Idle - 0 CYds			
	Loader -Idle			
	Walla Walla Electric - Installing conduit fror	m Flare Building to Flare system for frost protections syste	m	
12:00 to 3:00	AFC Construction - Welding seams & installing neopreme gaskets under aluminum straps			
	Stone Construction - On another Job today			
		l		
Field Tests Performed		Location	Results	
None				
Copies Sent To				

**INSPECTOR** J. Petty

\_\_\_\_\_

73 REPORT No. DATE 73 06/23/16

Photographs				
	Photo # IMG-3315 Brief Description Conduit to flare for frost proof heat tape			
	Photo # IMG-3316			
THE THE	Brief Description			
	Welding of HDPE liner completed - waiting for neoprene gasket material to complete			
	Photo # IMG-3317			
	Brief Description			
	Welding of HDPE liner completed - meandering seams with variable finish elevati			



Photo # IMG-3319	
Brief Description	
Finish seam on north - south side still nead neoprene gasket - both sides need butyl rubber sealant	S

# Photo # IMG-3320

Brief Description

South view of NE corner area 5 tracking poor coverage of compost - A/P tracks of topo

## Photo # IMG-3321

**Brief Description** 

Ripples in HDPE liner - not flat per detail



Photo # IMG-3323

#### **Brief Description**

Closeup of meandering horizontal/vertical final seam

# Photo # IMG-3324

**Brief Description** 

East view of East end ditch - meandering horizontal/vertical final seam

## Photo # IMG-3325

**Brief Description** 

Tying rebar for west outlet sloped CMP headwall



Photo # IMG-3328

#### **Brief Description**

Pouring concrete around CMP pipe for sloped headwall

## Photo # IMG-3329

**Brief Description** 

West view of finished concrete around CMP pipe for sloped headwall

## Photo # IMG-3330

**Brief Description** 

Southeast view of finished concrete around 10" HDPE storm pipe for sloped headwall @ Compost Rd



REPORT NO.		74					
DATE	0	6/24/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEM	MP. RAN	IGE	52	-73 - (0	.08")		

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	INSPECTOR J. Petty					
PRIME CONTRACTOR Culbert Construction						

Ave	rage Field	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superintendents					endents/Fore	eman	Opera	tors	Labo	orers	Remarks		
Α.	Walla Wa	lla Electric		Da	avid Newton		0		1		Flare	e frost pro	tection
В.	ACF Cons	struction		M	att Demaris		0		3	3	Welding	seams H	IDPE liner
Equ	ipment at	t the Site											
	Opera	ting Contrac	ctor's ID (A - E, see at	oove)									
			Equ	pment - ID No, a	and Descripti	on				Opr	Stdby	Down	ldle
A		Cat 312 Ex	cavator Idle										Х
A		Cat 623 F	Scraper - both scrap	ers i <i>dle</i>									Х
A		Cat 305 Ex	cavator -Idle										Х
A		Cat D-8 Do	ozer -Idle										Х
A		Water True	ck - Idle										Х
A		Komatsu L	oader										Х
A		Komatsu G	GD 655 Grader - Fine	Grading north sid	de of North di	itch P/T							Х
A	1	Cat D-6 De	ozer - Herman tracki	ng cover materi	al/compost	Area 5				1			Х
A		Dump True	ck - Idle										Х
		Stonethrov	ver - Off Site other job	S									Х
		NO Pho	to's taken today	,									
Job	Site Visit	ors :			-								
	Time		Name			Representing					Remarks		
Eros	sion Cont		Are erosion control	measures and F	MPs:	In Place?	Const Er	trance	Functi	oning ad	equately?	Voc /	4-7-16
			of discharge of pollut				contained		i uncli	-	s Taken?		e taken
Traf	fic Contro			Photos 7		no			tor On				
			Was Traffic	control required	today?					00 To 12:00 - OFF 40+			)FF 40+ ir
		Was traffic	control according to t			n/a	<b>3</b> · · · · · · ·			То			
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a	i	From To					

PROJECT Su	udbury Landfill 5/2 Remediatio	n
------------	--------------------------------	---

74 REPO	RT No
---------	-------

74

06/24/16

DATE

Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate. Cat D-6 Tracking North slope all day 2 Scrapers Idle Grader Idle Water Truck Idle Dump Truck- Idle - 0 CYds Loader -Idle Walla Walla Electric working on the flare frost protection system 7:00 to 1:00 AFC Construction - Finished installing neopreme gaskets under aluminum straps and left early Stone Construction - On another Job today **Field Tests Performed** Location Results None Copies Sent To

INSPECTOR	J. Petty		REV			
PROJECT	Subdbury Landfill Remediation 2/5	_ 74	REPORT No. DATE	74 6/24/16	-	



**Project Name** 

**Project Engineer** City of Walla Walla

PROJECT

ENGINEER

INSPECTOR J. Petty

CLIENT

#### **PROJECT OBSERVATION REPORT**

REPORT NO.		75					
DATE	06/27/16						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	IGE			59 -92	2	

		0.1 0.0			-						00 02	-	
PRI	ME CONTR	RACTOR C	Culbert Construe	ction	-								
Ave	rage Field	Work For	rce										
Na	ame of Contra	ctor and/or S	Subcontractor(s)	Superint	tendents	s/Foreman	Opera	ators	Lab	orers		Remarks	S
C.	Walla Walla	Electric		Da	avid Nev	wton	C	)		1	Flare	e frost pro	tection
Α.	Culbert Con	struction		Not o	n Jobsit	e today							
Equ	ipment at 1	the Site											
	Operatii	ng Contracto	or's ID (A - E, see ab	oove)									
			Equ	ipment - ID No,	and Des	scription				Opr	Stdby	Down	Idle
A	1	Cat 312 Exc	avator Idle										Х
A		Cat 623 F So	craper - both scrape	ers i <i>dle</i>									Х
A		Cat 305 Exca	avator -Idle										Х
A		Cat D-8 Doz	er -Idle										Х
A	1	Water Truck	- Idle										Х
A		Komatsu Loa	ader										Х
A		Komatsu GD	0 655 Grader - Idle										Х
A	1	Cat D-6 Doz	er -Idle										Х
A		Dump Truck	- Idle										Х
		Stonethrowe	er - Off Site other job	DS									Х
Job	Site Visito	ors :			1					1			
	Time Name Representing								Rei	marks			
Erec	sion Contro		Are erecien control	manager and r		In Place?	Const	ntronoo	Funct		equately?	Vec	4-7-16
Eros			Are erosion control					d on site	Funci		s Taken?		to 3345
Trof	fic Control		r discharge of pollut	Photos		no		Inspec	tor On			# 3331	10 3345
IIa			Was Traffic	control required		light		From			То	5.00 5	PM - Off
		Was traffic o	control according to		-	-		From			10	0.001	
					i ian:	11/a							

n/a

From

Do all flaggers have current flagging/TCS cards?

PROJECT	Sudbury Landfill 5/2 Remediation	75 REPORT No.	75

DATE

06/27/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	Cat D-6 Idle							
	2 Scrapers Idle							
	Grader Idle							
	Water Truck Idle							
	Dump Truck- Idle - 0 CYds							
	Loader -Idle							
	Walla Walla Electric - Installing conc	duit from Flare Building to Flare system	or frost protections system					
	AFC Construction - Completed t	he welding seams of & installing ne	opreme gaskets - Their work is Do	ne				
	Stone Construction - On anothe	r Job today						
Field Tests I	Performed	Location	Results					
None								
Copies Sent To								

**INSPECTOR** J. Petty

75 REPORT No. DATE 75 06/27/16

Photographs	
	Photo # <u>IMG-3331</u> Brief Description
	Tracking on north slope above sump NW corner area 5
	<b>_</b>
	Photo # IMG-3332
	Brief Description
	West view of South side of HDPE liner with compacted fill to edge HDPE liner
	Photo # IMG-3335
3	Brief Description
	Closeup of butyle rubber sealant HDPE to concrete on South side (flash)



Photo # IMG-3336

**Brief Description** 

West view of Outlet on west end of ditch after Thursday PM rain

Photo # IMG-3337

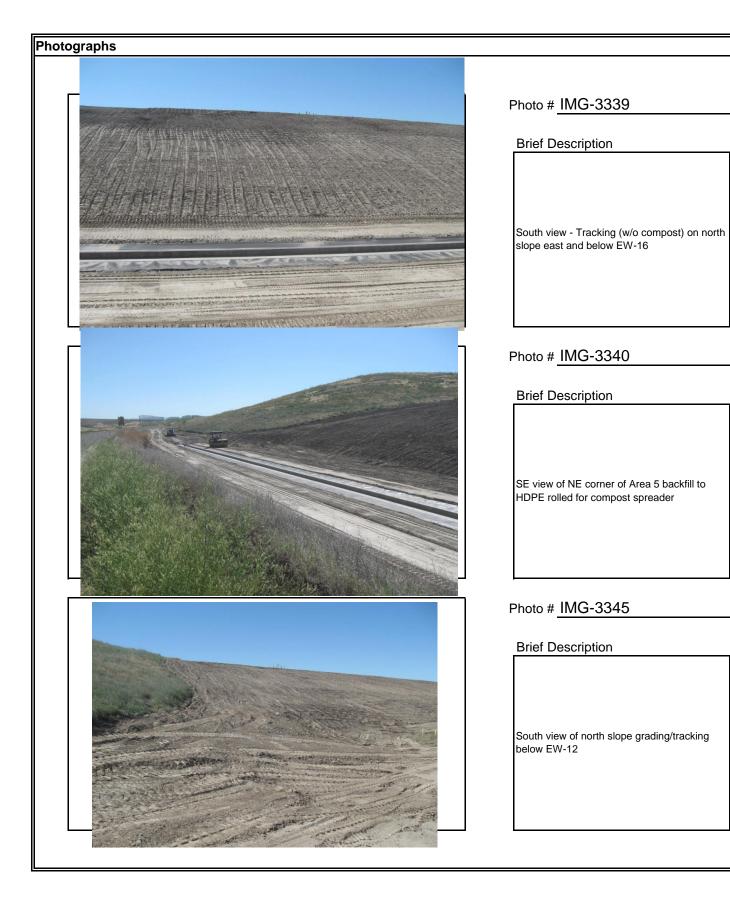
**Brief Description** 

West view of North side of HDPE liner with compacted fill to edge HDPE liner

Photo # IMG-3338

**Brief Description** 

Tracking (w/o compost) on north slope west and above sump NW corner area 5





REPORT NO.		76					
DATE	C	6/28/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	S M THER CLEAR PARTL' CLOUD		HIGH				
APPROX. TEI	MP. RAN	IGE			66 -95	5	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONTI	RACTOR Culbert Construction

Ave	rage Fiel	d Work Fo	orce										
Ν	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents/Fo	oreman	Opera	ators	Labo	orers		Remarks	5
A.	A. Walla Walla Electric Da					n	0	)		1	Flare frost protection		
	Culbert C	onstruction		Kory, I	Herman &	Jaun	1		:	2	Nort	h Ditch gr	ading
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Descri	ption				Opr	Stdby	Down	Idle
١		Cat 312 Ex	cavator Idle										Х
		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
		Cat 305 Ex	cavator -Idle										Х
1		Cat D-8 Do	ozer -Idle										Х
1		Water True	ck - Idle										Х
	1	Skid Steer	Loader							1			Х
١		Komatsu G	GD 655 Grader - Idle										Х
١		Cat D-6 Do	ozer - tracking cover n	naterial/compost	Area 5								Х
١.		Roller- P/T	-							P/T			P/T
		Stonethrow	ver - Off Site other job	s									Х
lob	Site Visi	tors :											
	Time		Name		Representing			Remarks					
Iro	sion Con	trol	Are erosion control		MDe	In Place?	Const E	ntranco	Functi	ioning ad	equately?	Voc /	4-7-16
_10			of discharge of polluta				containe		T uncu	-	s Taken?		to 3353
Traf	fic Contr			Photos 1		no		Inspec	tor On			# 3340	.0 3333
Tal		••	Was Traffic	control required		light		From		00	То	5:00 F	PM - Off
		Was traffic	control according to t			n/a From						0.001	
			all flaggers have curre			n/a		From					

		-
INSP	ECTO	R

PROJECT	Sudbury Landfill 5/2 Remediation	7

Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mo	nthly estimate.
	Cat D-6 Idle		
	2 Scrapers Idle		
	Grader Idle		
	Water Truck Idle		
	Dump Truck- Idle - 0 CYds		
7:00 3:30	Skid Steer Loader - Grading N ditch		
4 hrs	Moreno & Nelson crew poured 10" HDPE c	outlet compost area	
7 hrs	Walla Walla Electric - Installing conduit fror	n Flare Building to Flare system for frost protections syste	m
	AFC Construction - HDPE work is Don	e	
	Stone Construction - On another Job t	oday	
Field Tests P	erformed	Location	Results
None			
Copies Sent	10		

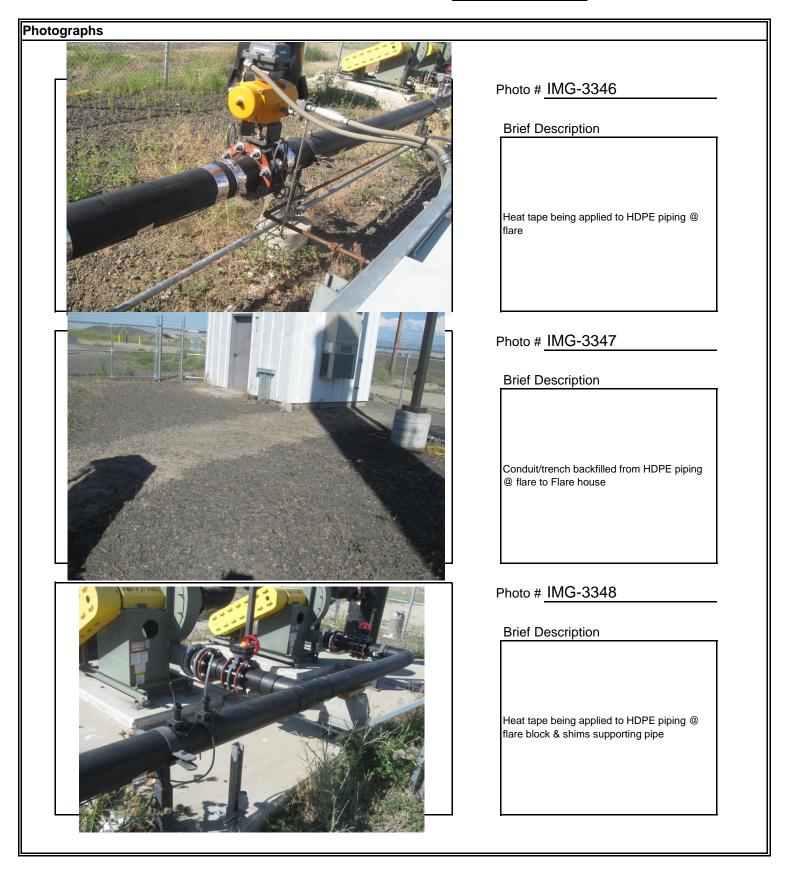
**76 REPORT No.** 76

DATE

06/28/16

1

PROJECT	Subdbury Landfill Remediation 2/5	76 REPORT No.	76
		DATE	06/28/16





# Roller compaction of NE corner of Area 5 needs ripping/tracking & compost

Westerly view of skid loader used to backfill/grade slopes both sides of new ditch]

Easterly view of skid loader used to backfill/grade slopes both sides of new ditch



# Photo # IMG-3352

#### **Brief Description**

Easterly view of slopes between ditch and access rd to sump/pump needs additional

# Photo # IMG-3353

**Brief Description** 

Easterly view of 10" HDPE pipe penetration onto Compost Pad

Brief Description



REPORT NO.		77					
DATE	C	6/29/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	S M		HIGH				
APPROX. TEI	MP. RAN	IGE			65 -90	)	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONTI	RACTOR Culbert Construction

Ave	rage Fiel	d Work Fo	orce										
Ν	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents/F	oreman	Opera	ators	Labo	orers		Remarks	6
C.	Walla Wa	lla Electric		Da	avid Newto	on	C	)		1		None	
А	Culbert C	onstruction		Hei	rman & Ju	an	1		,	1		None	
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	ipment - ID No, a	and Descr	iption				Opr	Stdby	Down	Idle
A		Cat 312 Ex	xcavator Idle										Х
١.		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
<b>\</b>		Cat 305 Ex	xcavator -Idle										Х
۱		Cat D-8 Do	ozer -Idle										Х
1		Water True	ck - Idle										Х
١.	P/T	Skid Steer	Loader - Grading No	orth Ditch & SE co	orner Area	12							P/T
١.		Komatsu G	GD 655 Grader - Idle										Х
١.		Cat D-6 Do	ozer - tracking cover n	naterial/compost	Area 5								Х
١.		Dump Truc	- Idle										Х
		Stonethrov	Stonethrower - Off Site other jobs										Х
Job	Site Visi	tors :											
	Time		Name			Repr	esenting				Rer	narks	
Ero	sion Con	trol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes /	4-7-16
	Is there a	ny evidence	of discharge of polluta	ants into surface	waters or	storm system?	containe	d on site		Photo	s Taken?	# 3354	to 3359
[rat	fic Contr	ol		Photos 7	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light	light From		From 7:00		To 5:00 PM -		PM - Off
		Was traffic	control according to t	the approved TC	Plan?	n/a		From					
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

F

**77 REPORT No.** 77

DATE

06/29/16

Time	orders given and received, discu	ussions with contractor, and any applicable statements for the m	onthly estimate.
	Cat D-6 Idle		
	2 Scrapers Idle		
	Grader Idle		
	Water Truck Idle C- City watered North Dit	ch	
	Dump Truck- Idle - 0 CYds		
7:00 to 4:00	Skid steer loader grading north ditch and s	outh toe of slope SE corner of Area 2	
6 hrs	Walla Walla Electric - Working on Flare fro	st protection system	
	AFC Construction - HDPE work is Dor	ne	
	Stone Construction - On another Job	today	
			<u> </u>
Field Tests P	erformed	Location	Results
None			
	<b>-</b> -		<u> </u>
Copies Sent	10		

**INSPECTOR** J. Petty

PAGE 2 OF 4 PAGES

77 REPORT No. DATE 77 06/29/16

Photographs	
	Photo # IMG-3354 Brief Description East view of water truck wetting down North ditch liner grading
	Photo # IMG-3355
	West view of North ditch grading - water added for compaction
	Photo # IMG-3356
	Water truck spraying south side of North ditch after grading
	Photo # IMG-3355 Brief Description West view of North ditch grading - water added for compaction Photo # IMG-3356 Brief Description Water truck spraying south side of North ditch



Photo # IMG-3357

**Brief Description** 

Aluminum foil used to tap heat tape only HDPE pipes and control valves

Photo # IMG-3358

**Brief Description** 

Walla Walla Electric installing heat tape

Photo # IMG-3359

**Brief Description** 

Easterly view of skid loader used to backfill/grade slopes both sides of new ditch



Project Name

City of Walla Walla

ENGINEER Project Engineer

INSPECTOR J. Petty

PROJECT

CLIENT

REPORT NO.		78					
DATE	C	6/30/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEM			67 -96	5			

PRIME	CONTR	ACTOR	Culbert Construc	ction									
Averag	je Field	Work Fo	orce										
Name	of Contra	ctor and/or	Subcontractor(s)	Superint	endents	s/Foreman	Opera	ators	Laborers			Remark	S
C. W	/alla Walla	Electric		Did not wo	ork on F	Project today							
ert Cons				Did not wo	ork on F	Project today							
Equipn	nent at t	the Site											
	Operatii	ng Contract	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No,	and Des	scription				Opr	Stdby	Down	Idle
А		Cat 312 Excavator Idle									Х		
A		Cat 623 F \$	Scraper - both scrape	ers i <i>dle</i>									Х
A			cavator -Idle										Х
A		Cat D-8 Do											Х
A		Water Truc											Х
A			Loader - Idle										Х
A			D 655 Grader - Idle										Х
A		Cat D-6 Do											Х
A		Dump Truc											Х
		Stonethrow	ver - spreading compo	ost Area 5 - too v	vindy fo	r Area 2							Х
	te Visito	ors :	Nome			Den					Der		
Tin	ne		Name			Representing				Remarks			
Erosio	n Contro	ol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes /	4-7-16
ls	s there any	/ evidence	of discharge of polluta	ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	NON	E taken
Traffic	Control			Photos -	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From			То	Off	Today
		Was traffic	control according to t	he approved TC	Plan?	n/a		From					
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

**PROJECT**Sudbury Landfill 5/2 Remediation**78REPORT No.78** 

06/30/16

DATE

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.						
	Cat D-6 Idle						
	2 Scrapers Idle						
	Grader Idle						
	Water Truck Idle C- City watered North Dite	h					
	Dump Truck- Idle - 0 CYds						
	Skid Steer Loader -Idle						
	Walla Walla Electric - Installing conduit fron	n Flare Building to Flare system for frost protections syste	em				
	AFC Construction - HDPE work is Don	e					
		to down a America to a windy for America					
	Stone Construction -applied 322 Cyds	today on Area 5 - too windy for Area 2					
Field Tests Pe		Location	Results				
None	nomea		Results				
None							
Copies Sent T	- 0	<u> </u>	<u> </u>				
	-						

**INSPECTOR** J. Petty



REPORT NO.		79					
DATE	C	7/01/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN			63 -90	)		

PROJECT	Project Name	WEATTE
ENGINEER	Project Engineer	WIND
CLIENT	City of Walla Walla	
INSPECTOR	J. Petty	APPROX.
PRIME CONT	RACTOR Culbert Construction	
Average Field	d Work Force	
Average Field		

Ave	rage Fiel	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superintender					tendents	s/Foreman	Oper	ators	Lab	orers		Remarks	5
C.	Walla Wa	Ila Electric		Did not w	ork on p	project today							
Α	Culbert C	onstruction		Did not w	ork on p	project today							
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	ipment - ID No,	and De	scription				Opr	Stdby	Down	Idle
١		Cat 312 Ex	cavator Idle										Х
L.		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
L.		Cat 305 Ex	cavator -Idle										Х
		Cat D-8 Do	ozer -Idle										Х
		Water Truc	ck - Idle										Х
		Skid Steer	Loader - Idle										Х
١		Komatsu G	GD 655 Grader - Idle										Х
١		Cat D-6 Do	ozer - Idle										Х
1		Dump Truc	ck - Idle										Х
		Stonethrow	ver - on another Job s	ite today									Х
ob	Site Visi	tors :											
	Time		Name			Rep	resenting				Rer	narks	
		-				[	1						
Eros	sion Con		Are erosion control			In Place?			Funct	-	equately?		4-7-16
		•	of discharge of pollut			,	containe	ed on site			s Taken?	NONE	E taken
raf	fic Contr	01		Photos				Inspec	tor On	Site Ho	1		
				control required		_		From			То	J.P-Of	f Today
			control according to t					From					
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

PROJECT	Sudbury Landfill 5/2 Remediation	
---------	----------------------------------	--

F

**79 REPORT No.** 79

DATE

07/01/16

Time	orders given and received, discu	issions with contractor, and any applicable statements for the mo	nthly estimate.			
	Cat D-6 Idle					
	2 Scrapers Idle					
	Grader Idle					
	Water Truck Idle					
	Dump Truck- Idle - <b>0 CYds</b>					
	Skid Steer Loader -Idle					
	Walla Walla Electric - Not on Job today					
	AFC Construction - HDPE work is Dor	ne				
	Stone Construction -Idle on another p	roject today				
		I				
Field Tests Pe	erformed	Location	Results			
None						
<u> </u>	-					
Copies Sent T	0					

**INSPECTOR** J. Petty



REPORT NO.		80					
DATE	C	7/05/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			63 -90	)			

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

Avera	ge Fielo	d Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superintendents/Foreman Operators Laborers Remarks							6						
C.													
Equip		t the Site											
	Opera	iting Contrac	ctor's ID (A - E, see ab			• • •					0.1		
			•	ipment - ID No, a	and Descript	ion				Opr	Stdby	Down	Idle
4		Cat 312 EX	cavator Idle										Х
λ		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
<b>`</b>		Cat 305 Ex	cavator -Idle										Х
Ą		Cat D-8 Do	ozer -Idle										Х
Ą		Water True	ck - Idle										Х
ι		Skid Steer	Loader - Idle										Х
A		Komatsu G	GD 655 Grader - Idle										Х
4		Cat D-6 Dozer - Idle X											
A		Dump Truck - Idle X							Х				
		Stonethrower - on another Job site today     X							Х				
lah Si	ite Visit												
	ime		Name			Repr	esenting				Rer	marks	
	-								-				
	on Cont		Are erosion control			In Place?	Const E		Funct	-	equately?		4-7-16
Is there any evidence of discharge of pollutants into surface waters										otos Taken? NONE taken			
Traffic Control Photos Taker					no Inspector On								
				control required t		light					То	J.P-Of	f Today
			control according to			n/a		From					
Do all flaggers have current flagging/TCS cards? <b>n/a</b> From													

PROJECT

Sudbury Landfill 5/2 Remediation 80 REPORT No.

DATE

80 07/05/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.					
	Cat D-6 Idle					
	2 Scrapers Idle					
	Grader Idle					
	Water Truck Idle C- City watered North Dite	ch				
			n			
	Dump Truck- Idle - 0 CYds					
	Skid Steer Loader -Idle					
	Walla Walla Electric - Not on Job Site toda	y, according to cert PR				
	AFC Construction - HDPE work is Done					
	Stone Construction -Off today					
Field Tests Performed		Location	Results			
None						
Coming Sant 7			<u> </u>			
Copies Sent 1						



REPORT NO.		81					
DATE	C	7/06/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			59 -87	,			

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

F

Aver	rage Field	d Work Fo	rce										
Name of Contractor and/or Subcontractor(s)         Superintendents/Foreman         Operators         Laborers         Remark					8								
C.	Walla Wa	lla Electric		(	Off Today	,							
Α.	Culbert Co	onstruction		(	Off Today	1							
Equi	ipment at	t the Site											
	Opera	ating Contract	or's ID (A - E, see ab	ove)									
		-	Equi	pment - ID No, a	and Desc	ription				Opr	Stdby	Down	Idle
Ą		Cat 312 Exc	cavator Idle										Х
4		Cat 623 F S	Scraper - both scrape	ers i <i>dle</i>									Х
4		Cat 305 Exc	cavator -Idle										Х
4		Cat D-8 Do	zer -Idle										Х
A		Water Truc	k - Idle										Х
A		Skid Steer I	_oader - Idle										Х
A		Komatsu G	D 655 Grader - Idle										Х
A		Cat D-6 Do	zer - Idle										Х
A		Dump Truck - Idle											Х
		Stonethrower - on another Job site today     X							Х				
Job	Site Visit	tors :			1					1			
	Time		Name		Representing				Remarks				
Erosion Control         Are erosion control measures and BMPs:				BMPs:	In Place?	Const E	ntrance	Funct	nctioning adequately?			Yes / 4-7-16	
Is there any evidence of discharge of pollutants into surface waters				waters or	r storm system?	containe	d on site		Photo	s Taken?	#3360	to #3397	
Traffic Control Photos Taken?				Taken?	no	no Inspector On			Site Hours				
Was Traffic control required today?				today?	light From 7:0			0 AM To <b>5:00</b>		0 PM			
		Was traffic	control according to t	he approved TC	Plan?	n/a From							
		Do a	Il flaggers have curre	ent flagging/TCS	cards?	n/a		From					

PROJECT

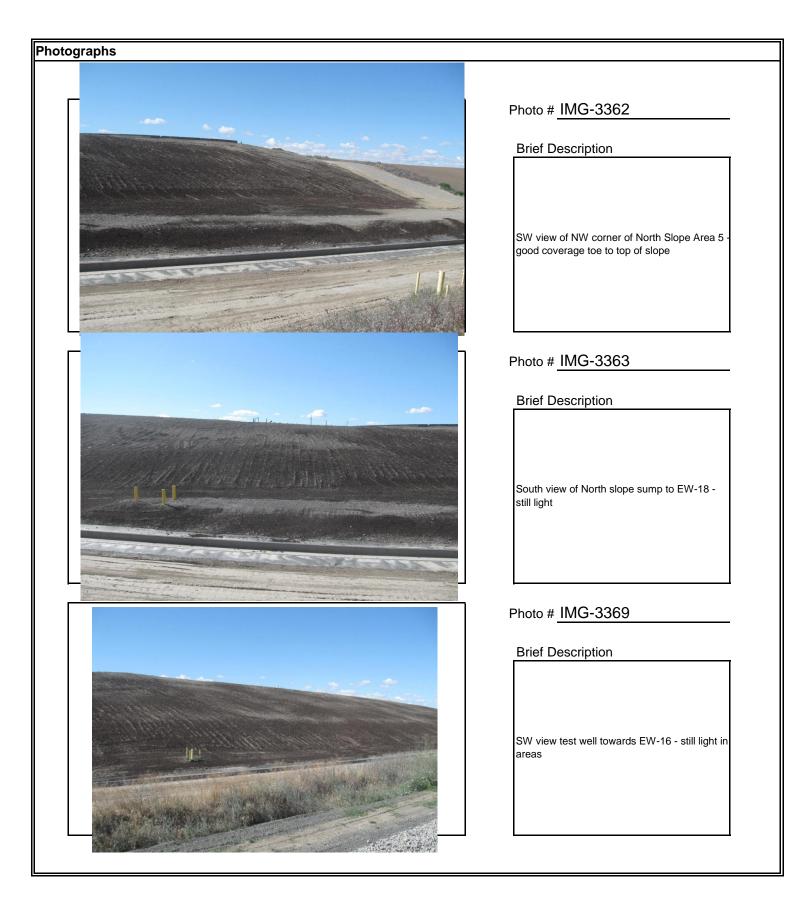
Sudbury Landfill 5/2 Remediation 81 REPORT No. 81

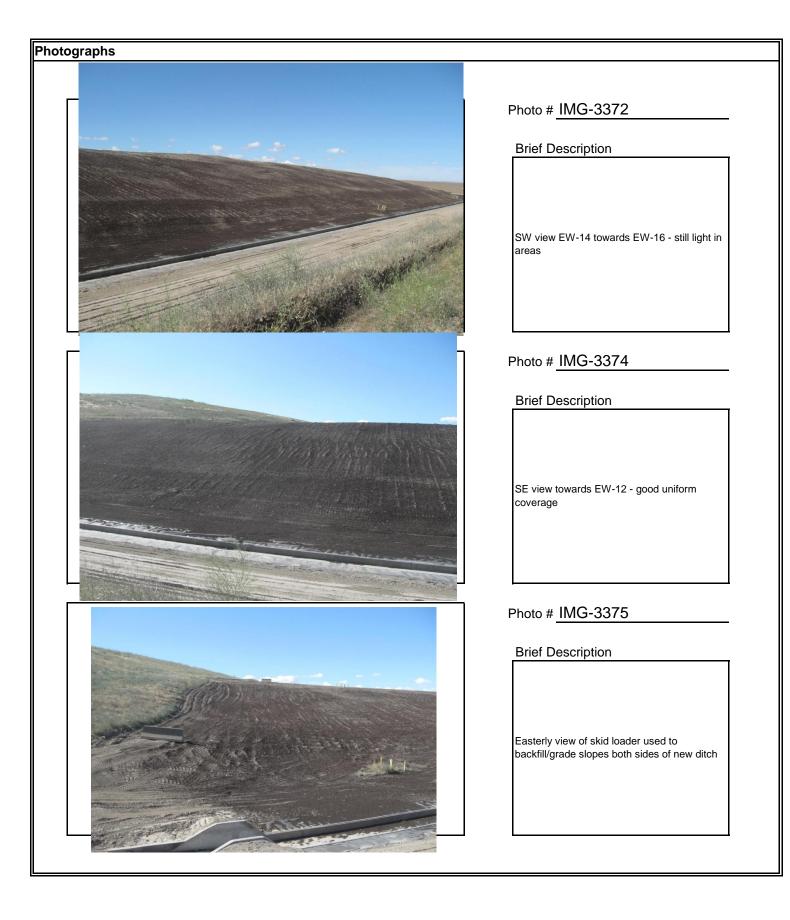
07/06/16

DATE

Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate. Cat D-6 Idle 2 Scrapers Idle Grader Idle Water Truck Idle C- City watered North Ditch Dump Truck- Idle - 0 CYds Skid Steer Loader -Idle J. Petty Photo Log of Area 2 and Area 5 application to document coverage applied on June 30 were taken to document Work that still needs to be performed to provide uniform compost coverage Walla Walla Electric - Off Today AFC Construction - HDPE work is Done Stone Construction -Off today Field Tests Performed Location Results None Copies Sent To

**INSPECTOR** J. Petty





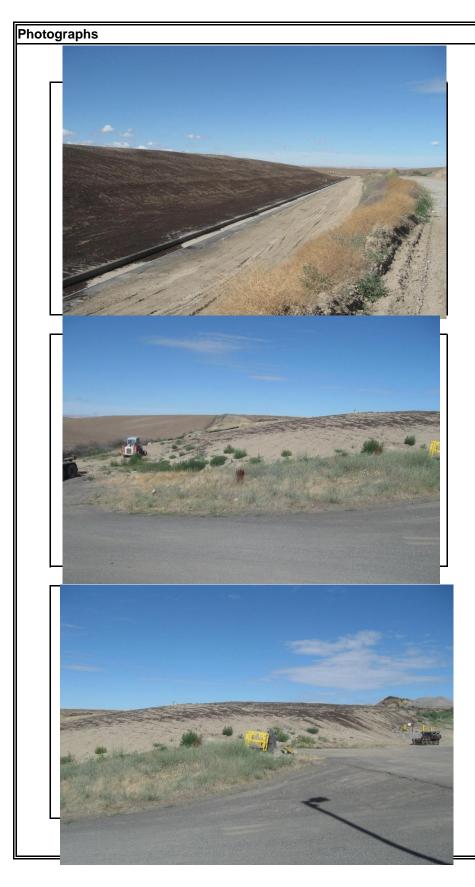


Photo # IMG-3377
Brief Description
West view of North slope - compost blew into ditch heavy coverage at toe of slope

Photo # IMG-3378

**Brief Description** 

West view of SE corner Area 2 - very light coverage and poor tracking

Photo # IMG-3379

**Brief Description** 

NW view of SE corner Area 2 - very light coverage and poor tracking





# Photo # IMG-3386

#### **Brief Description**

Northwest view of light application by compost spreading truck - above EW-18 soft area

## Photo # IMG-3388

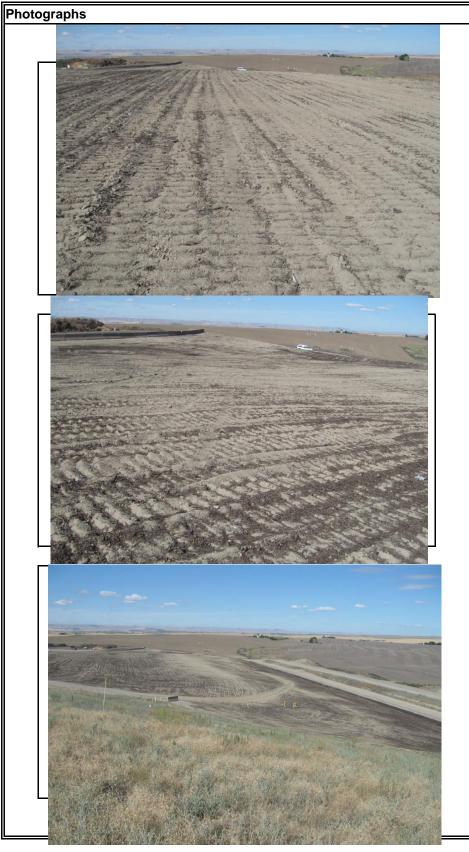
**Brief Description** 

East view of tracking by EW-16 - truck - overcompaction of cover??

#### Photo # IMG-3389

**Brief Description** 

West view of light cover EW-16 towards EW-18 - truck - over-compaction of cover??



F	Photo # IMG-3392
	Brief Description
	West view of light cover EW-15 towards EW- 18 - truck - over-compaction of cover??

# Photo # IMG-3394

**Brief Description** 

Closer SW view towards Compost Area slope under barriers compost coverage is light

# Photo # IMG-3397

**Brief Description** 

West overview of Tope of North Slope showing light compost application and truck tracking



REPORT NO.		82					
DATE	C	7/07/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			69 -81				

PROJECT	Project Name			
ENGINEER	Project Engineer			
CLIENT	City of Walla Walla			
INSPECTOR J. Petty				
PRIME CONTRACTOR Culbert Construction				

Ave	rage Fie	ld Work Fo	orce										
Na	ame of Con	tractor and/or	r Subcontractor(s)	Superinte	endents/Fo	oreman	Opera	ators	Labo	orers		Remarks	3
C. Walla Walla Electric				Not on Site today									
Equ	ipment a	at the Site											
	Oper	ating Contrac	ctor's ID (A - E, see at	oove)						r			
		Equipment - ID No, and Description C									Stdby	Down	Idle
4		Cat 312 Ex	cavator Idle										Х
		0-+ 000 5	Comment hath arrest										
\			Scraper - both scrap										X
<u>م</u>		Cat 305 E	cavator -Idle										X X
\ \		Water True											х Х
1 1			Loader - Idle										×
<u>`</u>			GD 655 Grader - Idle										X
\		Cat D-6 Do											X
۱.		Dump Truck - Idle											Х
		Stonethrower - on another Job site today											Х
Job	Site Vis	itors :											
	Time		Name	Representing			Remarks						
Eros	sion Cor	ntrol	Are erosion control	measures and B	BMPs:	In Place?	Const Entrance Funct		Functi	ctioning adequately?		Yes / 4-7-16	
	Is there	any evidence	of discharge of pollut	ants into surface	waters or	storm system?	containe	d on site		Photo	s Taken?	None	Taken
Traffic Control Photos Take				Taken?	no	no Inspector On			Site Ho	ours			
Was Traffic control required today					today?	light	light From		7:00	7:00 AM To		5:00 PM Off	
		Was traffic	control according to	Plan?	n/a	From							
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

PROJECT Su	udbury Landfill 5/2 Remediation	82	REPORT No.	82

DATE

07/07/16

	1		
Time		ussions with contractor, and any applicable statements for the mo	onthly estimate.
	Cat D-6 Idle		
	2 Scrapers Idle		
	Grader Idle		
	Water Truck Idle C- City watered North Dite	ch	
	Dump Truck- Idle - <b>0 CYds</b>		
	Skid Steer Loader -Idle		
	Walla Walla Electric - Off today		
	AFC Construction - HDPE work is Dor	ne	
	Stone Construction -Off today		
Field Tests Performed		Location	Results
None			
Copies Sent 1	Го		

**INSPECTOR** J. Petty



REPORT NO.		83					
DATE	C	7/08/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN	IGE	60	-77 (0.	53")			

PROJECT	Project Name							
ENGINEER	Project Engineer							
CLIENT	City of Walla Walla							
INSPECTOR	J. Petty							
PRIME CONTRACTOR Culbert Construction								

Avera	age Fiel	d Work Fo	orce											
Nar	ne of Con	tractor and/or	Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Lab	orers		Remarks	5	
C. Walla Walla Electric Not				on Site	today									
A Culbert Construction No						today								
Equip	oment a	t the Site												
	Opera	ating Contrac	tor's ID (A - E, see ab	ove)										
		Equipment - ID No, and Description									Stdby	Down	Idle	
۹.		Cat 312 Ex	cavator Idle										Х	
		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х	
		Cat 305 Ex	cavator -Idle										Х	
1		Cat D-8 Do	ozer -Idle										Х	
1		Water Truc	ck - Idle										Х	
		Skid Steer	Loader - Idle										Х	
1		Komatsu G	D 655 Grader - Idle										Х	
١		Cat D-6 Do	ozer - Idle										Х	
1		Dump Truck - Idle											Х	
		Stonethrower - on another Job site today											Х	
lob S	Site Visi	tors :								1				
-	Time		Name		Representing				Remarks					
1	11:00	Arron & Cr	uz			M & N tou	our of North ditch			concrete sacking/sealant punchlist				
Irosi	on Con	trol	Are erosion control	measures and E	BMPs:	In Place? Const Ent		ntrance Functioning		ioning ade	ing adequately?		Yes / 4-7-16	
	Is there a	any evidence	of discharge of polluta	ants into surface	waters	or storm system?	containe	ed on site		Photo	s Taken?	#3398	to #340	
raffi	c Contr	ol		Photos	Faken?	no Inspector O		tor On	n Site Hours					
Was Traffic control required						? light		From 7:00 AM		) AM	To 5:00 PM		PM Off	
		Was traffic	control according to the	he approved TC	Plan?	n/a		From						
		Do a	all flaggers have curre	nt flagging/TCS	cards?	n/a		From						

Cat D-6 Idle

PROJECT

Time

2 Scrapers Idle
Grader Idle
Water Truck Idle
Dump Truck- Idle - 0 CYds
Skid Steer Loader -Idle
Walla Walla Electric - Off today
AFC Construction - HDPE work is Done
Stone Construction -Off today

DATE

orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

83 07/08/16

Sudbury Landfill 5/2 Remediation 83 REPORT No.

Field Tests Performed	Location	Results
None		
Copies Sent To		

**INSPECTOR** J. Petty

\_\_\_



Photo # IMG-3398

**Brief Description** 

East view of hole forming on the north side of outlet structure - water should flow into ditch

# Photo # IMG-3399

**Brief Description** 

Poor compaction around structure substantial settlement with foot traffic

# Photo # IMG-3400

**Brief Description** 

East view of north side of ditch - water flows along liner into drain under structure - needs repaired



Photo # IMG-3401	
Priof Description	
Brief Description	
Vehicle track along liner shows lack of	
compaction in HDPE liner anchor	

Photo # IMG-3403

**Brief Description** 

Closeup - West view of North ditch - water flowing along liner not into ditch (per wet area)

# Photo # IMG-3404

**Brief Description** 

West view of East structure - compost on liner & in ditch - rain flowing into ditch



REPORT NO. 84							
DATE 07/11/16			6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	NGE			57 - 78	3	

PROJECT	Project Name	VVL
ENGINEER	Project Engineer	WI
CLIENT	City of Walla Walla	
INSPECTOR	J. Petty	AP
PRIME CONT	RACTOR Culbert Construction	

Ave	rage Fiel	d Work Fo	orce										
Na	ame of Cont	ractor and/or	Subcontractor(s)	Superint	endents	/Foreman	Oper	ators	Lab	orers		Remarks	3
C.	Walla Wa	lla Electric		Not	on Site	today							
А	Culbert C	onstruction		Not	on Site	today							
Equ	ipment a	t the Site											
	Opera	ating Contrac	tor's ID (A - E, see ab	ove)						-			
			Equi	pment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle
٨		Cat 312 Ex	cavator Idle										Х
١		-	Scraper - both scrape	ers i <i>dle</i>									Х
1			cavator -Idle										Х
4		Cat D-8 Do	ozer -Idle										Х
Ą		Water Truc											Х
A			Loader - Idle										Х
4			D 655 Grader - Idle										Х
4		Cat D-6 Do											Х
4		Dump Truck - Idle											Х
		Stonethrower - on another Job site today											Х
lah	Site Visi	toro i											
00	Time		Name			Repr	resenting				Rer	narks	
Erosion Control         Are erosion control measures and					BMPs:	In Place?	Const Entrance Func			nctioning adequately?		Yes /	4-7-16
Is there any evidence of discharge of pollutants into surface					waters	or storm system?	containe	d on site		Photo	s Taken?	#3398	to #3407
<b>Fraf</b>	fic Contr	ol		Photos		no		Inspec			1		
				control required		light	light From 7:0			AM	То	5:00 I	PM Off
			control according to the			n/a		From					
		Do a	all flaggers have curre	nt flagging/TCS	cards?	n/a		From					

PROJECT Sudbury Landfill 5/2 Remediati	on <b>8</b>
--	-------------

84 REPORT No.

84

07/11/16

DATE

Time	orders given and received, discu	ssions with contractor, and any applicable statements for the mo	nthly estimate.
	Cat D-6 Idle		
	2 Scrapers Idle		
	Grader Idle		
	Water Truck Idle		
	Dump Truck- Idle - <b>0 CYds</b>		
	Skid Steer Loader -Idle		
	Walla Walla Electric - Off today		
	AFC Construction - HDPE work is Don	е	
	Stone Construction -Off today		
Field Tests Pe	erformed	Location	Results
None			
Copies Sent 1	Го		

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty



# Photo # <u>IMG-3408</u> Brief Description

Weekend rain-additional problems with runoff/ditch section-west view of

outlet/overflow 4" above inlet

# Photo # IMG-3409

**Brief Description** 

Sinkhole grew over top of percolation trench - not designed for this flow

# Photo # IMG-3410

**Brief Description** 

West view of outlet structure additional settlement due to rain event



Photo # IMG-3411

**Brief Description** 

Closeup of fill by structure - needs additional compactive effort

# Photo # IMG-3412

**Brief Description** 

South edge of outlet structure water flowed downalong edge of structure - needs water/compaction

Photo # IMG-3412

**Brief Description** 

Temperature sensor for flare frost protection system NW corner of building in shady area



Photo # IMG-3414

#### **Brief Description**

Additional heat tape on flare system piping and valves

# Photo # IMG-3416

**Brief Description** 

Additional heat tape on blower system - closeup of tape on valves and piping

# Photo # IMG-3418

**Brief Description** 

SW view of additional heat tape on flare meter, piping and valves



REPORT NO. 85							
DATE	C	7/12/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	APPROX. TEMP. RANGE			56	- 80 (0	.17")	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONTI	RACTOR Culbert Construction

Ave	rage Fiel	d Work Fo	orce										
N	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents	/Foreman	Opera	ators	Labo	orers		Remarks	;
C.	Walla Wa	lla Electric		Not	on Site	today							
А	Culbert C	onstruction		Not	on Site	today							
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see ab	ove)									
			Equi	ipment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
4		Cat 312 Ex	cavator Idle										Х
4		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
۸		Cat 305 Ex	cavator -Idle										Х
4		Cat D-8 Do	ozer -Idle										Х
4		Water Truc	ck - Idle										Х
٩		Skid Steer	Loader - Idle										Х
4		Komatsu G	GD 655 Grader - Idle										Х
4		Cat D-6 Do	ozer - Idle										Х
4		Dump Truc	Dump Truck - Idle										Х
		Stonethrower - on another Job site today											Х
Job	Site Visi	tors :											
Time Name			Name		Representing					Remarks			
Ero	sion Con	trol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes /	4-7-16
Is there any evidence of discharge of pollutants into surfac				ants into surface	waters	or storm system?	containe	d on site		Photo	s Taken?	#3419	to 3424
Traffic Control Pho					Taken?	no		Inspec	tor On	n Site Hours			
			Was Traffic	control required	today?	light		From	7:00	AM	То	5:00 F	PM Off
		Was traffic	control according to t	the approved TC	Plan?	n/a		From					
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

PROJECT Sudbury Landfill 5/2 Remediation 8	diation 85
--	------------

REP	ORT	No
REF	UKI	INO.

07/12/16

85

Time	orders given and received, disc	ussions with contractor, and any applicable statements for the m	onthly estimate.							
	Cat D-6 Idle									
	2 Scrapers Idle									
	Grader Idle									
	Water Truck Idle									
	Dump Truck- Idle - 0 CYds									
	Skid Steer Loader -Idle									
	Documented rain event and erosio	n around Compost site and Area 5 North Ditch								
	Walla Walla Electric - Off today									
	AFC Construction - HDPE work is Do	ne								
	Stone Construction -Off today									
Field Tests	Performed	Location	Results							
None										
Copies Sen	То									

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty



## Photo # IMG-3419

#### **Brief Description**

South view of North 10" HDPE pipe under Compost Rd - sediment carried down during storm

# Photo # IMG-3420

**Brief Description** 

SE Veiw of 10" HDPE outlet onto Compost Pad sediment being transported

### Photo # IMG-3421

**Brief Description** 

East view of North ditch during rain event shows water flowing down liner not into ditch per design



Photo # IMG-3422

**Brief Description** 

Additional settlement with larger hole developing in void above percolation trench

# Photo # IMG-3423

**Brief Description** 

West view of north outlet showing water flowing around liner into percolation trench

# Photo # IMG-3424

**Brief Description** 

N view of new HDPE pipe tench settling under access to sump/pump station North Area 5



REPORT NO.		86					
DATE	0	7/13/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			58 - 83	3			

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

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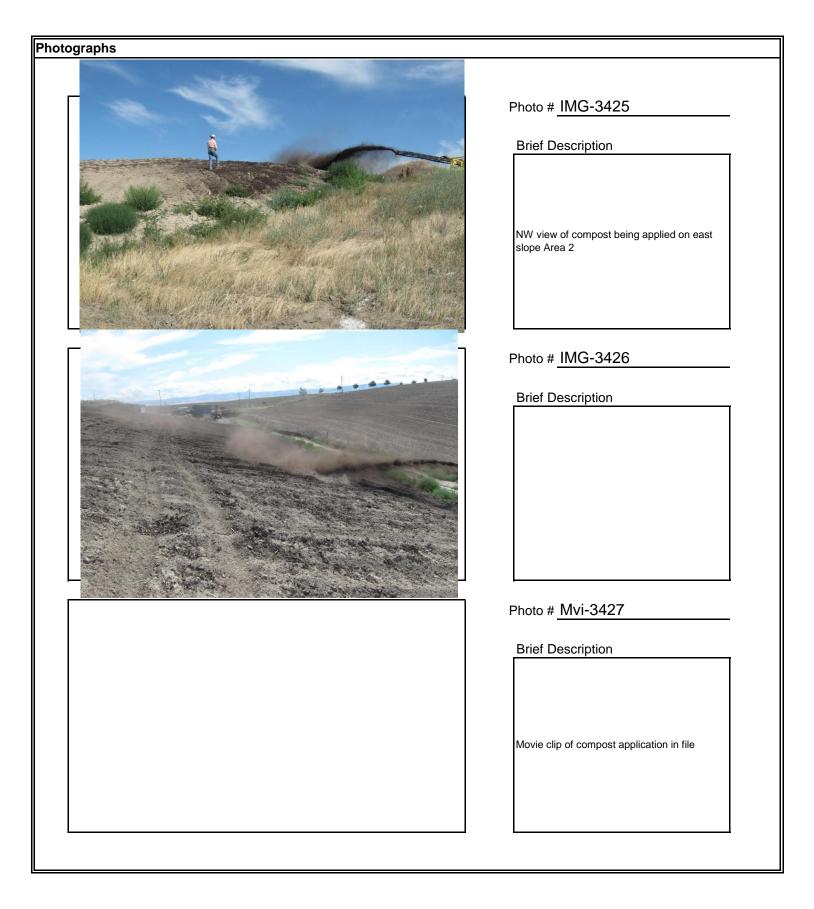
Ave	rage Field	d Work Fo	orce										
Na	ame of Cont	ractor and/or	Subcontractor(s)	endents/F	oreman	Opera	ators Laborers				Remarks	3	
C.	Walla Wa	lla Electric		Not	on Site to	oday							
А	Culbert Co	onstruction		Not	on Site to	oday							
Equ	ipment at	t the Site											
	Opera	ating Contract	tor's ID (A - E, see ab	ove)									
			Equi	ipment - ID No, a	and Desc	ription				Opr	Stdby	Down	Idle
Ą		Cat 312 Ex	cavator Idle										Х
4		Cat 623 F \$	Scraper - both scrape	ers i <i>dle</i>									Х
4		Cat 305 Ex	cavator -Idle										Х
4		Cat D-8 Do	ozer -Idle										Х
4		Water Truc	ck - Idle										Х
4		Skid Steer	Loader - Idle										Х
4		Komatsu G	D 655 Grader - Idle										Х
4		Cat D-6 Do	ozer - Idle										Х
Ą		Dump Truc	:k - Idle										Х
		Stonethrow	wer - Applied Comp	ost Area 2 & noi	rth slope	Area 5							Х
Job	Site Visit	tors :											
Time Name						Representing				Remarks			
Eros	sion Cont	trol	Are erosion control	measures and B	BMPs:	In Place?	Const E	ntrance	Funct	ctioning adequately?		Yes / 4-7-16	
Is there any evidence of discharge of pollutants into surface w							containe			-	s Taken?		to 3427
Traffic Control Photos Ta						no		Inspec	tor On			-	
Was Traffic control required					today?	light		From	7:00		То	5:00 I	PM Off
		Was traffic	control according to t			n/a		From					
	Do all flaggers have current flagging/TCS cards?					n/a		From					

86 07/13/16

Time		discussions with contractor, and any applic	able statements for the monthly estimate.					
	Cat D-6 Idle							
	2 Scrapers Idle							
	Grader Idle							
	Water Truck Idle							
	Dump Truck- Idle - 0 CYds							
	Skid Steer Loader -Idle							
	Walla Walla Electric - Off today							
	AFC Construction - HDPE work is Done							
	Stone Construction - Applied 322 Cyds Compost for a grand total of 2,964 Cyds							
	Sione Construction - Applied 322	Cyus Compost for a grand total	01 2,904 Cyas					
ld Toete	 Performed	Location	Results					
None	renomed		Results					
None								
oies Sen	10							

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty





REPORT NO.		87					
DATE	C	7/14/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI			56 - 89	9			

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

1

Ave	rage Field	d Work Fo	orce											
Na	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents/Fo	reman	Opera	ators	Lab	orers		Remark	6	
C.	Walla Wa	lla Electric		Not	on Site toda	ay								
А	Culbert Co	onstruction		Not	on Site toda	ay								
Equ	ipment at	t the Site												
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)						-				
		-	Equ	ipment - ID No, a	and Descrip	otion				Opr	Stdby	Down	Idle	
١		Cat 312 E>	cavator Idle										Х	
		Cat 623 F Scraper - both scrapers idle											Х	
١		Cat 305 Ex	cavator -Idle										Х	
۱.		Cat D-8 Do	ozer -Idle										Х	
4		Water True	ck - Idle										Х	
١		Skid Steer	Loader - Idle										Х	
٩		Komatsu G	GD 655 Grader - Idle										Х	
4		Cat D-6 Do	ozer - Idle										Х	
Ą		Dump Truc	ck - Idle										Х	
		Stonethro	wer - Complete Com	post Applicatio	on on Area	2 & north slop	be Area 5	7-13-16					Х	
		Comp	Compost subcontract completed.											
lob	Site Visit	ors :								1				
Time Name				Representing					Remarks					
Erosion Control Are erosion control m			measures and B	BMPs:	In Place? Const Entranc		ntrance	Functioning adequately		equately?	Yes / 4-7-16			
Is there any evidence of discharge of pollutants into surface			waters or s	torm system?	containe	d on site		Photo	s Taken?	**963	33428			
Traffic Control Photos T					Faken?	no		Inspec	tor On	Site Hours				
Was Traffic control require				control required	today?	light From 7:0		7:00	) AM	То	5:00	PM Off		
		Was traffic	control according to	the approved TC	Plan?	n/a		From						
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a		From						

PROJECT	Sudbury Landfill 5/2 Remediation	87
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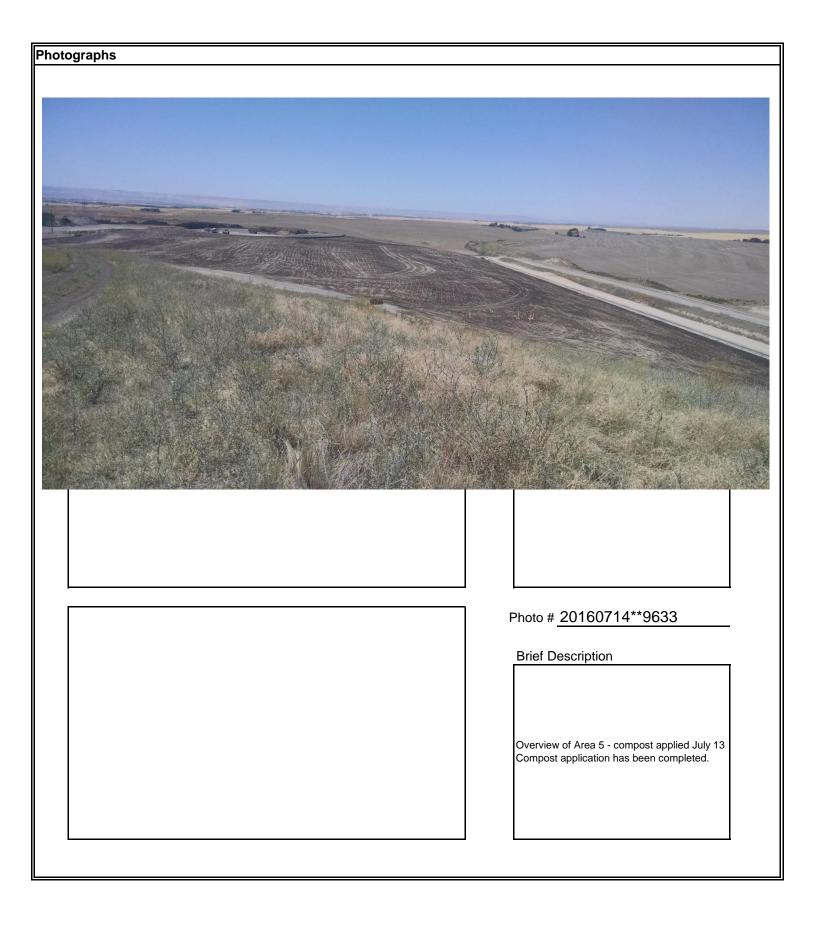
REPORT No.

87 07/14/16

Time		ed, discussions with contractor, and any applicat	ble statements for the monthly estimate.							
	Cat D-6 Idle									
	2 Scrapers Idle									
	Grader Idle									
	Water Truck Idle									
	Dump Truck- Idle - 0 CYds									
	Skid Steer Loader -Idle									
	Walla Walla Electric - Off today									
	AFC Construction - HDPE work is Done									
	Stone Construction - Applied a grand total of 2,964 Cyds to complete project as of 7-13-2016									
d Tests	Performed	Location	Results							
None										
oies Sent										

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty





REPORT NO.		88					
DATE	0	7/15/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	IGE			60 - 82	2	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONTI	RACTOR Culbert Construction

Ave	rage Fiel	d Work Fo	orce								-		
Na	ame of Con	tractor and/or	Subcontractor(s)	Superint	endents	/Foreman	Opera	ators	Labo	orers		Remarks	3
В	Andersor	n-Perry						Che	eck finish	cover			
А	Culbert C	Construction		К	ory Ellis	on					Che	eck finish (	cover
Equ	ipment a	t the Site											
	Oper	ating Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
٩		Cat 312 Ex	cavator Idle										Х
١		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
1		Cat 305 Ex	cavator -Idle										Х
١		Cat D-8 Do	ozer -Idle										Х
١		Water Truc	ck - Idle										Х
١		Skid Steer	Loader - Idle										Х
١		Komatsu G	GD 655 Grader - Idle										Х
1		Cat D-6 Do	ozer - Idle										Х
4		Dump Truc	ck - Idle										Х
		Stonethro	wer - Completed cor	npost work not	on site								Х
lob	Site Visi	itors :			1								
	Time	_	Name			Representing				Remarks			
Eros	sion Con	trol	Are erosion control	measures and E	3MPs:	In Place?	Const E	ntrance	Functi	oning ade	equately?	Yes /	4-7-16
Is there any evidence of discharge of pollutants into surface waters of							containe	d on site		-	s Taken?	No Pho	tos take
raf	fic Contr	-		Photos		no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From	7:00	AM To <b>5:00</b>		PM Off	
		Was traffic	control according to t	he approved TC	Plan?	n/a		From					
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

PROJECT	Sudbury Landfill 5/2 Remediation

88 REPORT No.

88

07/15/16

DATE

orders given and received, discussions with contractor, and any applicable statements for the monthly estimate. Time Cat D-6 Idle 2 Scrapers Idle Grader Idle Water Truck Idle Dump Truck- Idle - 0 CYds Skid Steer Loader -Idle Walla Walla Electric - Off today AFC Construction - HDPE work is Done Kory on Site for compaction testing scheduled for 1:00 -Intermountain called to delay til 3:00 - too late canceled Jeremy/Kory/Joel checked GPS readings between A-P & Culbert - reading same elevation but different cuts?? Still need some clarification to confirm cover meets Ecology requirements?? Field Tests Performed Location Results None Copies Sent To

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

INSPECTOR J. Petty



**Project Name** 

**Project Engineer** 

City of Walla Walla

PROJECT

CLIENT

ENGINEER

Job Site Visitors :

Time

## **PROJECT OBSERVATION REPORT**

REPORT NO.		89					
DATE	C	7/18/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	IGE		62	- 81 (Tı	ace)	

Remarks Heat tape system Tracing/grading Area 5

Down

Idle Х

Х Х Х Х P/T Х

> Х Х

Stdby

		J. Petty		APPROX. TE	MP. RANGE		62
PRIM		RACTOR Culbert Construct	ction				
Aver	age Fiel	d Work Force					
Na	me of Cont	ractor and/or Subcontractor(s)	Superint	tendents/Foreman	Operators	Lab	orers
В	Walla Wa	lla Electric	Da	avid Newton		1	/2
А	Culbert C	onstruction	He	erman Miller	1		1
Equi	pment a	t the Site					
	Opera	ating Contractor's ID (A - E, see ab	ove)				
		Equ	ipment - ID No,	and Description			Opr
A		Cat 312 Excavator Idle					
A		Cat 623 F Scraper - both scrape	ers i <i>dle</i>				
A		Cat 305 Excavator -Idle					
A		Cat D-8 Dozer -Idle					
A		Water Truck - Idle					
A	P/T	Skid Steer Loader - grading &	compacting al	ong North Ditch			
A		Komatsu GD 655 Grader - Idle					
A	1	Cat D-6 Dozer - Tracking North	h Slope Area 5				1
A		Dump Truck - Idle					
		Stonethrower - Completed comp	oost work not on	site			
	1						1

**Erosion Control** Are erosion control measures and BMPs: In Place? Const Entrance Functioning adequately? Photos Taken? 092713-134139 Is there any evidence of discharge of pollutants into surface waters or storm system? contained on site Traffic Control Photos Taken? Inspector On Site Hours no Was Traffic control required today? light From 7:00 AM То Was traffic control according to the approved TC Plan? n/a From Do all flaggers have current flagging/TCS cards? n/a From

Representing

Remarks

Yes / 4-7-16

5:00 PM Off

Name

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	89 REPORT No.	89	
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07/18/16

Time	orders given and red	eived, discussions with contractor, and any applical	ble statements for the monthly estimate.						
	Cat D-6 Tracking newly applied compost on Area 5 North slope								
	2 Scrapers Idle								
	Grader Idle								
	Water Truck Idle								
	Dump Truck- Idle - 0 CYds	Dump Truck- Idle - <b>0 CYds</b>							
	Skid Steer Loader -Grading &	compacting along HDPE liner both sides o	f ditch & structures						
	Walla Walla Electric - 1/2 day - heat tape system								
	AFC Construction - HDPE work is Done								
	Performed	Location	Results						
None									

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty

**Copies Sent To** 





REPORT NO.		90					
DATE	C	O7/19/16 S M CLEAR PARTLY CLOUDY STILL MODER.					
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR		OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	IGE		59	- 82 (Tı	ace)	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty
PRIME CONT	RACTOR Culbert Construction

Ave	rage Fiel	ld Work F	orce										
N	ame of Con	tractor and/o	r Subcontractor(s)	Superinte	endents/Foreman	ı	Operat	ors	Labo	orers		Remarks	3
В													
А	Culbert Construction         Herman Miller         1         0         Tracking Area 2 & 5												
Equ	ipment a	t the Site											
	Oper	ating Contrac	ctor's ID (A - E, see ab	oove)									
		-	Equ	ipment - ID No, a	and Description					Opr	Stdby	Down	Idle
4		Cat 312 E	xcavator Idle										Х
		-											
4		-	Scraper - both scrape	ers i <i>dle</i>									X
4			xcavator -Idle										X
۹	-	Cat D-8 D											X
4		Water Tru											X
4 			r Loader -Idle GD 655 Grader - Idle										X X
4 4	1	-	ozer - Tracking Sout	h Slone Area 2 8	South Slone A	rea 5 hv	harriers			1			^
` \	- ·	Dump Tru				i cu o by				•			X
			ower - Completed co	mpost work not	on site								X
			·	•									
Job	Site Visi	itors :											
	Time		Name			Repr	esenting			Remarks			
Eros	sion Con	trol	Are erosion control	measures and B	MPs: In	n Place?	Const Ent	trance	Functi	oning ade	equately?	Yes /	4-7-16
			e of discharge of pollut	ants into surface	waters or storm s	system?	contained				s Taken?	140744	-142153
Traf	fic Contr	ol		Photos T		no	I	nspec		on Site Hours			
				control required t		light	F	rom	7:00	AM	То	5:00 F	PM Off
			c control according to			n/a	F	rom					
		Do	all flaggers have curre	ent flagging/TCS	cards?	n/a	F	rom					

PROJECT         Sudbury Landfill 5/2 Remediation         90         REPORT No.         90	
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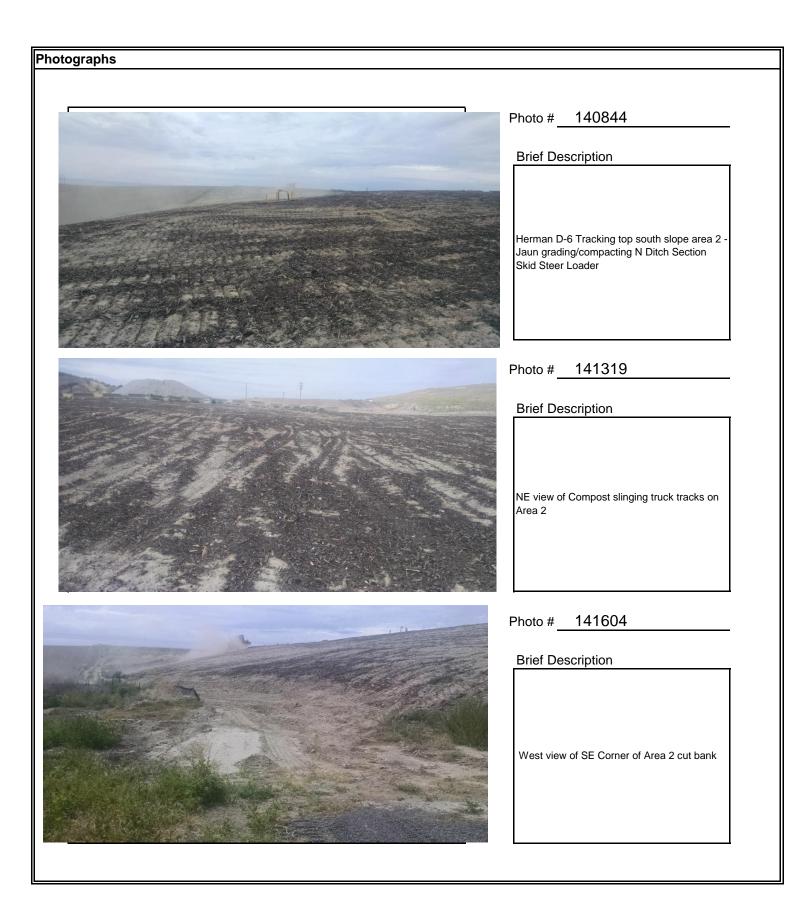
07/19/16

Time	orders given and received, discu	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	Cat D-6 Tracking newly applied compost on Area 2 South slope & along Barriers Area 5								
	2 Scrapers Idle								
	Grader Idle	Grader Idle							
	Water Truck Idle								
	Dump Truck- Idle - 0 CYds								
	Skid Steer Loader -Idle								
	Walla Walla Electric - Off today								
	AFC Construction - HDPE work is Dor	ne							
Field Tests	Porformod	Location	Results						
Field Tests Performed			Results						
None									
Copies Sen	Το	1	<u> </u>						

Note:

F

INSPECTOR J. Petty







REPORT NO.		91					
DATE	C	7/20/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					61 - 87	7	

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty

PRIME CONTRACTOR Culbert Construction

Aver	age Field	Work Fo	orce										
Na	me of Contr	actor and/or	r Subcontractor(s)	Superinte	endents/Fore	man	Opera	ators	Laborers		Remarks		5
В													
А	Culbert Co	onstruction		No On	ne on site toda	ау	0			0		0	
Equipment at the Site													
Operating Contractor's ID (A - E, see above)													
	Equipment - ID No, and Description Opr Stdby Down Idle										Idle		
A		Cat 312 Ex	cavator Idle										Х
			_										
A			Scraper - both scrape	ers i <i>dle</i>									Х
A	-		cavator -Idle										X
A		Cat D-8 Dozer -Idle X											
A		Water Truck - Idle X											
A		Skid Steer Loader -Idle     X											
A ^	+	Cat D-6 Do	GD 655 Grader - Idle										X X
A A		Dump Truc											x
~			wer - Completed co	mpost work not	on site								x
Job	J Site Visit	ors :											
	Time		Name			Representing					Remarks		
Eros	ion Cont	rol	Are erosion control	measures and B	BMPs:	In Place?	Const Er	ntrance	Funct	ioning ade	equately?	Yes /	4-7-16
		•	of discharge of pollut			rm system?	stem? contained on site				s Taken?	No P	hotos
Traff	ic Contro	bl		Photos T		no		_		On Site Hours			
				control required		light		From	7:00 AM To		То	5:00 PM Off	
			control according to										
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

\\DATA64\Engine\PROJECTS\Inspection Report Database

**INSPECTOR** J. Petty

Note:

PAGE 2 OF 2 PAGES

REVIEWER

	2 Scrapers Idle								
	Grader Idle								
	Water Truck Idle								
	Dump Truck- Idle - <b>0 CYds</b>								
	Skid Steer Loader -Idle								
	Cat D-6 Idle								
	Walla Walla Electric - Off today								
	AFC Construction - HDPE work is Dor	ne							
		1							
Field Tests Pe	erformed	Location	Results						
None									
Copies Sent T	Го								

orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

Sudbury Landfill 5/2 Remediation91REPORT No.91

No Culbert crew or any subs on site today

DATE

07/20/16

Time

PROJECT



REPORT NO.		92					
DATE	0	7/21/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					60 - 97	7	

PROJECT	Project Name					
ENGINEER	Project Engineer					
CLIENT	City of Walla Walla					
INSPECTOR	J. Petty					
PRIME CONTRACTOR Culbert Construction						

Average	Field Work F	Force									
Name of Contractor and/or Subcontractor(s) Superinte			Superintend	lents/Foreman	Opera	ators Laborers		orers	Remarks		5
A Cul	bert Construction		on site today	0		(	)				
Equipment at the Site											
	Operating Contra	actor's ID (A - E, see abo	ove)								
		Equip	oment - ID No, and	Description				Opr	Stdby	Down	Idle
<b>\</b>	Cat 312 E	Excavator Idle									Х
		- Scraper - both scrape	rs i <i>dle</i>								Х
		Excavator -Idle									Х
\		Dozer -Idle									Х
\	Water Tr	Water Truck - Idle									Х
	Skid Stee	Skid Steer Loader - Idle									Х
\	Komatsu	Komatsu GD 655 Grader - Idle X									Х
	Cat D-6 [	Dozer -Idle									Х
\	Dump Tr	uck - Idle									Х
	Stonethro	ower - Completed compo	ost work not on site								Х
lob Site	Visitors :								I <u> </u>		
Time	e	Name		Representing				Remarks			
Irosion	Control	Are erosion control	measures and BMP	Ps: In Place?	Const Entrance Func		Functi	nctioning adequately?		Yes /	4-7-16
ls t	there any evidenc	e of discharge of polluta	ints into surface wa	ters or storm system?	contained	d on site		Photo	s Taken?	None-C	off toda
raffic C	Control		Photos Tak	en? no	no Inspector Or			On Site Hours			
		Was Traffic o	control required tod	ay? light	ght From J. Pe			ty Off	То	J. Pet	ty Off
	Was traff	ic control according to th	ne approved TC Pla	an? <b>n/a</b>		From					
	Do	all flaggers have curre	nt flagging/TCS car	ds? n/a		From					

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	92
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REPORT No. 92

**DATE** 07/21/16

Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate. No Culbert crew or Subs on site today 2 Scrapers Idle Grader Idle Water Truck Idle Dump Truck- Idle - 0 CYds Skid Steer Loader -Idle Cat D-6 Idle Walla Walla Electric - Off AFC Construction - HDPE work is Done Field Tests Performed Location Results None **Copies Sent To** 

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

INSPECTOR J. Petty



REPORT NO.		93					
DATE	0	7/22/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEN		62 - 83	3				

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR	J. Petty				
PRIME CONTRACTOR Culbert Construction					

Average Fie	eld Work Fo	orce										
Name of Contractor and/or Subcontractor(s) Superin				endents/Foreman	n	Opera	itors	Labo	orers	s Remarks		3
A Culbert	A Culbert Construction No Crew o					0		(	0			
Equipment at the Site												
		tor's ID (A - E, see ab	ove)									
		Equi	pment - ID No, a	and Description					Opr	Stdby	Down	Idle
λ	Cat 312 Ex	cavator Idle										Х
	Cat 623 F	Cat 623 F Scraper - both scrapers idle									Х	
L.	Cat 305 Ex	cavator -Idle										Х
\	Cat D-8 Do	ozer -Idle										Х
Λ	Water True	ck - Idle										Х
Υ	Skid Steer	Loader - Idle										Х
Υ	Komatsu G	GD 655 Grader - Idle										х
1	Cat D-6 Do	ozer -Idle										Х
<b>\</b>	Dump Truc	ck - Idle										Х
	Stonethrov	ver - Completed comp	ost work not on s	site								Х
Job Site Vi	sitors :											
Time		Name			Representing				Remarks			
Erosion Co	osion Control Are erosion control measures and BMPs: In Place? Const Entrance						ntrance	Functi	ioning ade	equately?	Yes /	4-7-16
Is there any evidence of discharge of pollutants into surface waters or storm system? contained on site Photos Taken? None						None-C	Off toda					
raffic Con	trol		Photos T	aken?	no	Inspector On		tor On	n Site Hours			
		Was Traffic	control required t	today?	light	From J. Pe		J. Pet	etty Off To		J. Petty Off	
	Was traffic	control according to the	he approved TC	Plan?	n/a		From					
	Doa	all flaggers have curre	nt flagging/TCS o	cards?	n/a		From					

PROJECT	Sudbury Landfill 5/2 Remediation

93	REPO	RTN	JO I
30	NLFU	NIR	IU

07/22/16

93

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	No Culbert crew or Subs on site today							
	2 Scrapers Idle							
	Grader Idle							
	Water Truck Idle							
	Dump Truck- Idle - 0 CYds							
	Skid Steer Loader -Idle							
	Cat D-6 Idle							
	Walla Walla Electric - Off							
	AFC Construction - HDPE work is Dor	ne						
Field Tests	Performed	Location	Results					
None								
<u> </u>								
Copies Sen	Copies Sent To							

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty



REPORT NO.		94					
DATE	07/25/16						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					61 - 98	3	

PROJECT	Project Name				
ENGINEER	Project Engineer				
CLIENT	City of Walla Walla				
INSPECTOR J. Petty					
PRIME CONTRACTOR Culbert Construction					

Ave	rage Fiel	d Work Fe	orce										
Name of Contractor and/or Subcontractor(s) Superintendents/Foreman Operators Laborers Remarks						6							
В													
А	Culbert C	onstruction		And	rew Messner		1		2	2	Er	rosion Cor	ntrol
Equ	ipment a	t the Site											
	Opera	ating Contrac	ctor's ID (A - E, see abo	ove)									
		Equipment - ID No, and Description								Opr	Stdby	Down	Idle
4		Cat 312 Ex	Cat 312 Excavator Idle										Х
4	-	_	Scraper - both scrape	ers i <i>dle</i>									X
4			xcavator -Idle										X
4		Cat D-8 Do											X X
۰ ۹	P/T		Moving Pryamat mat	erias for instal	lation					P/T			^ P/T
۰ ۹		-	GD 655 Grader - Idle							F/I			x
4		Cat D-6 D											X
4		Dump True											X
		-	wer - Completed comp	ost work not on :	site								Х
Job	Site Visi	tors :											
	Time		Name			Repr	esenting			Remarks			
Ero	ion Con					Dia a 2	Durran	mot	Functi		a gu a ta bu 2	Neo /	7-25-16
Erosion Control Are erosion control measures and BMPs Is there any evidence of discharge of pollutants into surface wate					n Place?	Pyrar contained		Functi	tioning adequately? Photos Taken?				
Fraf	fic Contr	-		Photos 1		no			tor On			001120	10231
Was Traffic control required tod								7:00				PM Off	
		Was traffic	control according to the			n/a		From					
			all flaggers have curre			n/a		From					

PROJECT Sudbury Landfill 5/2 Remediation	94
--	----

**REPORT No.** 

94 07/25/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	Cat D-6 Idle	Cat D-6 Idle						
	2 Scrapers Idle							
	Grader Idle							
	Water Truck Idle							
	Dump Truck- Idle - 0 CYds							
	Fork Lift Loader -Hauling Pyramat mater	ial to sites for installation along South side North Dit	ch					
	AFC Construction - HDPE work is Dor	ie						
			D Ka					
Field Tests Performed		Location	Results					
None								
Copies Sert	To		<u> </u>					
Copies Sent	Copies Sent To							

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty



	Photo # 0929_03
PYRAMAT <sup>®</sup> By propex	Brief Description
<section-header><text><list-item><list-item><list-item><section-header></section-header></list-item></list-item></list-item></text></section-header>	Closeup of Pyramat Label
	Photo # <u>1342_09</u>
	Brief Description
	Closeup of Pyramat Pining pattern - North Ditch
	Photo # 1448_30
	Brief Description
	East view of Pyramat installed towards east end of ditch



### **PROJECT OBSERVATION REPORT**

REPORT NO.		95					
DATE	0	7/26/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI	MP. RAN	IGE			72 - 95	5	

PROJECTProject NameENGINEERProject EngineerCLIENTCity of Walla WallaINSPECTORJ. PettyPRIME CONTRACTOR Culbert Construction

	age Field	d Work Fo	orce										
Na	me of Cont	ractor and/or	r Subcontractor(s)	Superinte	endents/Forem	nan	Opera	ators	Labo	orers	Remarks		
В													
А	Culbert Co	onstruction		And	rew Messner		1		:	2	Er	rosion Co	ntrol
Equi	pment a	t the Site											
	Opera	ating Contrac	tor's ID (A - E, see ab	oove)									
			Equi	ipment - ID No, a	and Descriptior	ו				Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator Idle										Х
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
A		Cat 305 Ex	cavator -Idle										Х
A		Cat D-8 Do	ozer -Idle										Х
A		Water Truc	ck - Idle										Х
A	P/T	Fork Lift -	Moving Pryamat ma	terias for install	lation					P/T			P/T
A		Komatsu G	GD 655 Grader - Idle										Х
A		Cat D-6 Do	ozer - Idle										Х
A		Dump Truc	ck - Idle										Х
		Stonethrov	ver - Completed comp	oost work not on s	site								Х
Job	Site Visit	tors :								1			
	Time		Name		Representing				Remarks				
Fros	ion Con		Are erosion control	measures and R	MPs <sup>.</sup>	In Place?	Const E	otrance	Functi	ioning add	equately?	Yee /	4-7-16
LIUS			of discharge of pollut				containe		T unou	•	s Taken?		133231
Traff	ic Contro	-		Photos T		no			tor On	Site Ho		5525	
inan			Was Traffic	control required t		light		From			То	5:00 PM Off	
		Was traffic	control according to t			n/a		From					
			all flaggers have curre			n/a		From					

PROJECT	Sudbury Landfill 5/2 Remediation	95	<b>REPORT No.</b>
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07/26/16

95

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	Cat D-6 -Idle	Cat D-6 -Idle						
	2 Scrapers Idle							
	Grader Idle							
	Water Truck Idle							
	Dump Truck- Idle - 0 CYds							
	Fork lift Loader - Moving materials arou	nd site to install Pyramat mats						
	AFC Construction - HDPE work is Dor	16						
Field Tests	Derferment	Location	Results					
Field Tests	Performed		Results					
None								
Copies Sen	To		<u>                                     </u>					
Cohies Sell								

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty

REVIEWER







### **PROJECT OBSERVATION REPORT**

REPORT NO.		96					
DATE	0	7/27/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE 69 - 95							

PROJECT	Project Name
ENGINEER	Project Engineer
CLIENT	City of Walla Walla
INSPECTOR	J. Petty

PRIME CONTRACTOR Culbert Construction

E.

Avei	rage Field	d Work Fo	orce									
Na	ame of Cont	ractor and/or	r Subcontractor(s)	Superint	endents/Foreman	Oper	ators	Laborers		Remarks		
В												
А	Culbert Co	onstruction		And	rew Messner		1		2	Er	osion Coi	ntrol
Equi	ipment at	t the Site										
	Opera	ting Contrac	ctor's ID (A - E, see ab	oove)								
			Equ	ipment - ID No, a	and Description				Opr	Stdby	Down	Idle
A		Cat 312 Ex	cavator Idle									Х
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>								Х
A		Cat 305 Ex	cavator -Idle									Х
A		Cat D-8 Do	ozer -Idle									Х
A		Water True	ck - Idle									Х
A	P/T	Fork Lift -	Moving Pryamat ma	terias for instal	lation				P/T			P/T
A		Komatsu G	Komatsu GD 655 Grader - Idle X								Х	
A		Cat D-6 De	ozer - Idle									Х
A		Dump Truc	ck - Idle									Х
		Stonethrov	ver - Completed comp	oost work not on	site							Х
Job	Site Visit	ors :										
	Time		Name		Representing				Remarks			
			1									1
Eros	sion Cont		Are erosion control			_	intrance	Funct	•	equately?		4-7-16
			of discharge of pollut		waters or storm system		ed on site			s Taken?	114007	7-131222
Traf	fic Contro	ol		Photos			Inspector On Site Ho			I		
				control required			From	7:00	) AM	То	5:00 I	PM Off
			control according to				From					
		Doa	all flaggers have curre	ent flagging/TCS	cards? n/a	l	From					

PROJECT Sudbury Landfill 5/2 Remediation 9	6	<b>REPORT No.</b>
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07/27/16

96

Time	orders given and received, discu	ussions with contractor, and any applicable statements for the mo	onthly estimate.
	Cat D-6 -Idle		
	2 Scrapers Idle		
	Grader Idle		
	Water Truck Idle		
	Dump Truck- Idle - 0 CYds		
	Fork Lift Loader -moving erosion contro	ol materials for installation	
	AFC Construction - HDPE work is Dor	ne	
	Derformed	Location	Results
Field Tests	Performed		Results
None			
Copies Sen	To	l	
000103 0011			

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

**INSPECTOR** J. Petty

REVIEWER

# Photographs Photo # 1140-12 **Brief Description** West view of pyramat lined ditch North side of Compost Rd Photo # 1140\_12 **Brief Description** East view of pyramat lined ditch North side of Compost Rd Photo # 1140\_35 **Brief Description** Bent anchor pins - hard to pound into ground shortened pins & it worked better - still tight

3	Photo # <u>1140_48</u>
	Brief Description
	West view of pyramat lined upper ditch North side of Area 5 barriers
	Photo # <u>1140_54</u>
	Brief Description
	East view of pyramat lined upper ditch North side of Area 5 barriers
	Photo #
	Brief Description



Project Name Project Engineer

City of Walla Walla

PROJECT

CLIENT

ENGINEER

**INSPECTOR** J. Petty

# **PROJECT OBSERVATION REPORT**

REPORT NO.		96					
DATE	0	7/28/16	3				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE 68 - 10						0	

PRIM	IE CONT	RACTOR	Culbert Construc	ction									
Aver	age Field	d Work Fo	rce										
Na	me of Cont	ractor and/or	Subcontractor(s)	Superint	endents	/Foreman	Opera	ators	Labo	orers		Remark	S
В													
А	Culbert Co	onstruction		And	rew Me	ssner	1		:	2	Er	osion Co	ntrol
Equi	pment at	the Site											
	Opera	ating Contract	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Des	cription				Opr	Stdby	Down	Idle
A		Cat 312 Exc	cavator Idle										Х
A		Cat 623 F S	Scraper - both scrape	ers i <i>dle</i>									Х
A		Cat 305 Excavator -Idle											Х
A		Cat D-8 Dozer -Idle											Х
A		Water Truc	k - Idle								Х		
A	P/T	Fork Lift -	Moving straw wattle	materias for in	stallatio	on				P/T			P/T
A		Komatsu G	D 655 Grader - Idle										Х
A		Cat D-6 Do	zer - Idle										Х
A		Dump Truc	k - Idle										Х
		Stonethrow	er - Completed comp	ost work not on s	site								Х
Job	Site Visit	ors :											
	Time		Name			Repr	esenting				Rer	narks	
Eros	rosion Control Are erosion control measures and BM					In Place?	In Place? Const Entrance Fu			oning ade	equately?	Yes / 4-7-16	
	Is there any evidence of discharge of pollutants into surface v					or storm system?	containe	d on site		Photo	s Taken?	095330	)-111031
Traff	ic Contro	ol		Photos 7	Taken?	no		Inspec	tor On Site Hours				
			Was Traffic	control required	today?	light		From	7:00	AM	То	5:00 I	PM Off
	Was traffic control according to the approved TC Pla					n/a		From					

n/a

From

Do all flaggers have current flagging/TCS cards?

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation <b>96 REPORT No.</b> 96	
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07/28/16

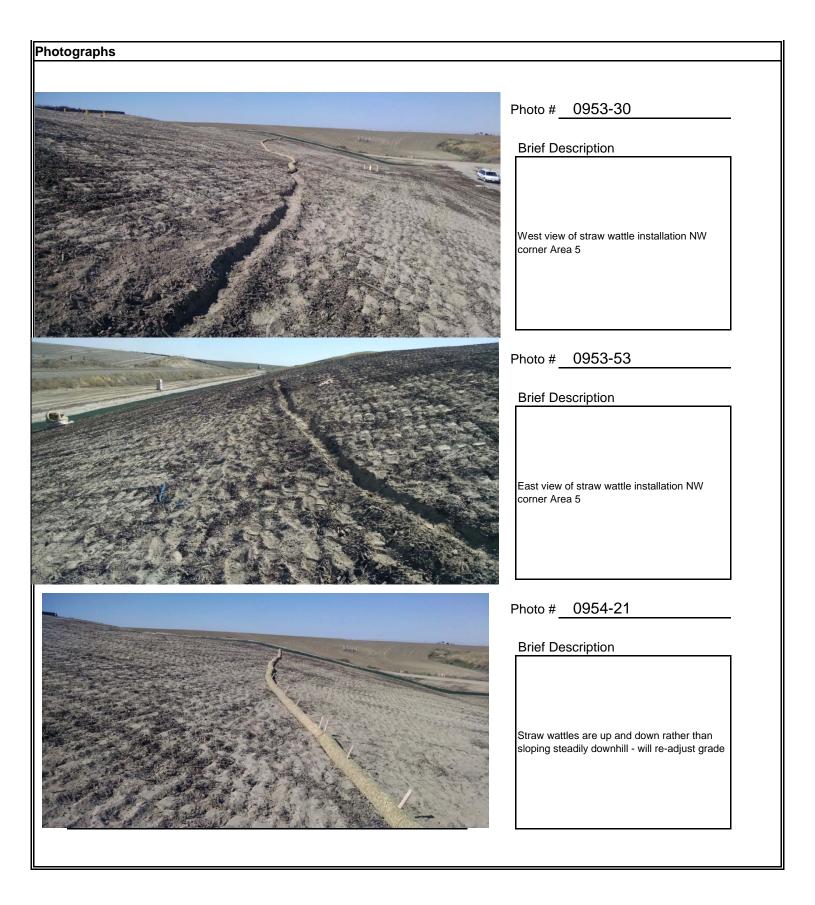
Time orders given and received, discussions with contractor, and any applicable statements for the monthly estimate. Cat D-6 -Idle 2 Scrapers Idle Grader Idle Water Truck Idle Dump Truck- Idle - 0 CYds Fork Lift Loader -moving erosion control straw wattle materials for installation AFC Construction - HDPE work is Done Field Tests Performed Location Results None Copies Sent To

Note: Photos taken of North ditch outlet structure to forward to Culbert and J-U-B for corrective action. Water draining into percolation trench not into concrete ditch as designed.

\_\_\_\_\_

INSPECTOR J. Petty

REVIEWER







Project Name

PRIME CONTRACTOR Culbert Construction

City of Walla Walla

ENGINEER Project Engineer

INSPECTOR J. Petty

PROJECT

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.		98					
DATE	C	7/29/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	HIGH						
APPROX. TEI	MP. RAN	IGE			70 - 10	0	

Avora	an Field	d Work Fo											
	-		Subcontractor(s)	Superint	endents	s/Foreman	Opera	ators	Labo	orers		Remarks	3
	Apex Con					seeding	1			1	F	lydroseeding	
		onstruction			Irew Me	-	1			2 Erosion Cont			•
Equip	oment at	t the Site									1		
			tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No,	and De	scription				Opr	Stdby	Down	Idle
Ą		Cat 312 Ex	cavator Idle										Х
A		Cat 623 F	Scraper - both scrape	ers i <i>dle</i>									Х
Ą		Cat 305 Ex	cavator -Idle								Х		
A		Cat D-8 Do	ozer -Idle										Х
A		Water Truc	ck - Idle										Х
Ą	P/T	Fork Lift -	Moving straw wattle	ion & grading				P/T			P/T		
A		Komatsu G	D 655 Grader - Idle										Х
Ą		Cat D-6 Do	ozer - Idle										Х
A		Dump Truc	ck - Idle										Х
		Stonethrow	ver - Completed comp	oost work not on	site								Х
	Site Visit	tors :			1								
	Time	-	Name			Repr	esenting			Remarks			
Erosi	on Cont	rol	Are erosion control	measures and E	BMPs:	In Place?	In Place? Const Entrance Funct		Functi	oning ad	equately?	Yes /	4-7-16
	Is there any evidence of discharge of pollutants into surface wa					or storm system? contained on site			Photo	s Taken?	091345-	DSC994	
Traffic Control Photos Take						no Inspector On			tor On	Site Ho	ours		
			Was Traffic	control required	today?	? light From 7:00			AM	То	5:00 F	PM Off	
		Was traffic	control according to t	he approved TC	Plan?	? <b>n/a</b> From							
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

INSPECTOR	J. Petty

\\DATA64\Engine\PROJECTS\Inspection Report Database

	Cat D-6 -Idle		
	2 Scrapers Idle		
	Grader Idle		
	Water Truck Idle		
	Dump Truck- Idle - <b>0 CYds</b>		
	Fork Lift Loader -moving erosion contro	I straw wattle materials for installation	
	Apex Construction - Hydroseeding	disturbed areas not related to Areas 2 and Area	5 cover & compost
	Note: decreased amount of fertilize	r applied due to heat. Apex left excess fertilizer bag	gs at shop to be applied
	by City crews when wet weather a	arrives in the fall.	
Field Tests Pe	erformed	Location	Results
None			
Copies Sent 1	Го		

REVIEWER

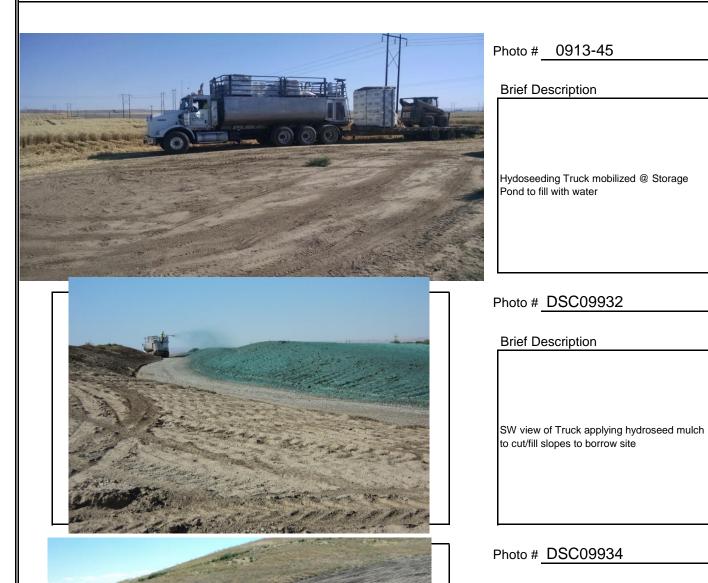
orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.

PROJECT

Time

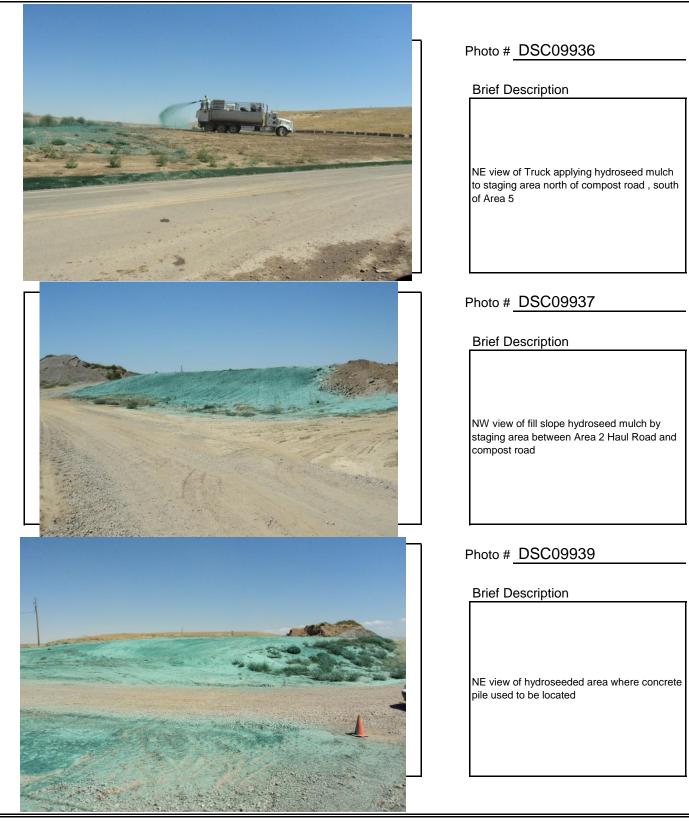
DATE

07/29/16



Brief Description

East view of Truck applying hydroseed mulch to area south side of North Ditch





### **PROJECT OBSERVATION REPORT**

REPORT NO.							
DATE	C	8/01/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	HIGH						
APPROX. TEI	MP. RAN	IGE			59 - 92	2	

PROJECTProject NameENGINEERProject EngineerCLIENTCity of Walla WallaINSPECTORJ. Petty

PRIME CONTRACTOR Culbert Construction

-

Ave	rage Field	Work Fo	orce										
Na	ame of Contr	actor and/or	r Subcontractor(s)	Superint	endents/Forema	an	Opera	ators	Labo	orers		Remarks	6
A	Culbert Co	onstruction		Andrev	w Messner/Juan	1	1			1	Er	rosion Cor	ntrol
Equ	ipment at	the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
			Equ	ipment - ID No, a	and Description					Opr	Stdby	Down	Idle
A													Х
A													Х
A	A												Х
A												Х	
A													Х
A	P/T	Fork Lift -	Moving straw wattle	e materials for ir	nstallation Area	a 5 & Area	2			P/T			P/T
A													Х
A													Х
A													Х
													Х
Job	Site Visit	ors :			-								
	Time		Name			Repr	esenting				Rer	marks	
		<u> </u>	1		<u> </u>								
Erosion Control Are erosion control measures and						In Place?	Const Er		Funct	-	equately?		4-7-16
<b>.</b>		ants into surface		,	containe				s Taken?	091345-	DSC9941		
Iraf	fic Contro	DI		Photos 7					ctor On Site Hours				
		101		control required					AM	То	5:00 I	PM Off	
			control according to										
		Do a	all flaggers have curre	ent flagging/TCS	cards?	n/a		From					

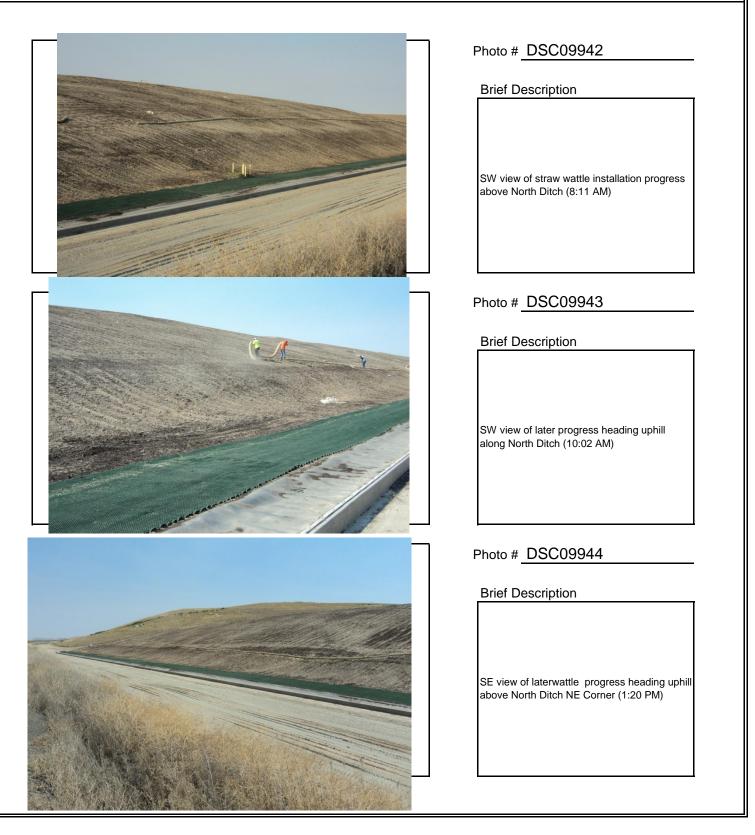
PROJECT Sudbury Landfill 5/2 Remediation 99 REPORT No. 99	PROJECT	Sudbury Landfill 5/2 Remediation	99 REPORT No.	99		
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08/01/16

Time	orders given and received, discu	ussions with contractor, and any applicable statements for the mo	onthly estimate.
	Fork Lift Loader -moving erosion contro		
	Installed straw wattles on Area 5 and	Area 2 - needs some additional work to anchor per de	etail
	<u> </u>		
Field Tests Pe	rformed	Location	Results
None			
Copies Sent T	ō		

**INSPECTOR** J. Petty

\_





#### Photo # DSC09945

#### **Brief Description**

West view toe of slope Area 2 - beginning installation of wattles along toe of slope (1:24 PM)

# Photo # DSC09947

**Brief Description** 

Crew gone - west view of progres installingwattles along toe of slope Area 2 (3:08 PM)

# Photo # DSC09952

**Brief Description** 

Closeup of wattles not keyed into ground properly per detail - Review detail with crew in AM



Project Name

City of Walla Walla

ENGINEER Project Engineer

INSPECTOR J. Petty

PROJECT

CLIENT

# **PROJECT OBSERVATION REPORT**

REPORT NO.							
DATE	6						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	HIGH						
APPROX. TEI	MP. RAN	IGE			60 - 80	)	

PRIN	IE CONT	RACTOR	Culbert Construc	tion	•								
Aver	age Field	d Work Fo	orce										
Na	me of Contr	ractor and/or	Subcontractor(s)	Superint	endents	/Foreman	Opera	ators	Labo	orers		Remarks	6
В.	DKB, Inc	- metal cove	er for pipe insullation		Bruce	1				1 Installir		ng metal pipe cover	
А	Culbert Co	onstruction		Andrev	w Messr	ner/Juan	1			1	Er	rosion Cor	ntrol
Equi	pment at	t the Site											
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
			Equi	pment - ID No, a	and Des	scription				Opr	Stdby	Down	Idle
A													Х
A													Х
A													Х
A													Х
A													Х
A	P/T	Fork Lift -	Moving straw wattle	materials & sil	t fencin	ng for installation	Area 5 &	Area 2		P/T			P/T
A	P/T	Brought tr	rencher to dig ancho	r trench for sitl	fencin	g				P/T			P/T
A													Х
A													Х
													Х
Job	Site Visit	ors :											
	Time		Name			Rep	resenting				Rer	marks	
	8:00	Mando Enr	riquez			DKB, Inc Med	chanical Ins	sulation		Deliverin	ng materia	ls for Flare	9
Eros	ion Cont	rol	Are erosion control	measures and E	BMPs:	In Place?	Const E	ntrance	Funct	ioning ade	equately?	Yes /	4-7-16
	Is there any evidence of discharge of pollutants into surface					or storm system?	containe	d on site		Photo	s Taken?	0824_3	6 - 9967
Traff	ic Contro	ol		Taken?	n? no Inspector (		tor On	r On Site Hours					
				control required		light	ght From 7:0			AM	То	5:00 I	PM Off
		Was traffic	control according to the	he approved TC	Plan?	n/a		From					
	Do all flaggers have current flagging/TCS cards? n/a From												

·····	PROJECT Sudbury Land	fill 5/2 Remediation 100 REP	<b>PORT No.</b> 100	
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Time	orders given and received, disc	ussions with contractor, and any applicable statements for the m	onthly estimate.					
	Fork Lift Loader - moving erosion control silt fence stakes & materials for installation							
	Brought a small trencher to dig 1' d	leep trench to anchor silt fencing per detail						
	DKB installing metal cover/elbows	for insulation at flare						
		1						
Field Tests I	Performed	Location	Results					
None								
Copies Sent	То							

INSPECTOR J. Petty

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Photo # DSC09957
Brief Description

East view of Trenching for silt fence inlet structure towards the west

# Photo # DSC09963

**Brief Description** 

East view of Silt fence installed by North Ditch near inlet structure

# Photo # DSC09965

**Brief Description** 

East view of Silt fence with trencher used to install anchor of fence by North Ditch near inlet structure



Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

INSPECTOR J. Petty

## **PROJECT OBSERVATION REPORT**

REPORT NO.		101					
DATE	C	8/03/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE 54 - 83							

PRIM	IE CONT	RACTOR	Culbert Construe	ction	-								
Aver	age Field	Work Fo	orce										
Na	me of Contr	actor and/or	Subcontractor(s)	Superint	tendents/F	oreman	Opera	ators	Lab	orers		Remark	6
В.	DKB, Inc -	metal cove	r for pipe insullation		Bruce					1	Installir	ng metal p	ipe cover
А	Culbert Co	nstruction		Andre	w Messne	r/Juan	1		:	2	E	rosion Co	ntrol
Equi	pment at	the Site											
	Operat	ting Contrac	tor's ID (A - E, see ab	oove)									
			Equ	ipment - ID No,	and Descr	ription				Opr	Stdby	Down	Idle
A													
A													
A													
A													
A													
A	P/T	Fork Lift - Moving straw wattle & silt fencing materials for installation Area 5 & Area 2								P/T			P/T
A	P/T	Brought trencher to dig anchor trench for sitl fencing							P/T			P/T	
A													
A		-											
Job	Site Visit	ors :											
	Time		Name		Representing					Remarks			
	8:00 Mando Enriquez			DKB, Inc Mechanical Insulation				Delivering materials for Flare					
Eros	Erosion Control         Are erosion control measures and BMPs:			BMPs:	In Place?	? Const Entrance Func		Funct	ioning ade	equately?	Yes /	4-7-16	
	Is there ar	ny evidence	of discharge of pollut	ants into surface	waters or	storm system?	containe	d on site		Photo	s Taken?	DSC099	68-09971
Traff	ic Contro	bl		Photos	Taken?	no		Inspec	tor On	Site Ho	ours		
			Was Traffic	control required	today?	light		From	7:00	) AM	То	5:00	PM Off
		Was traffic	control according to	the approved TC	Plan?	n/a		From					
Do all flaggers have current flagging/TCS cards? <b>n/a</b> From													

PROJECT	Sudbury Landfill 5/2 Remediation	101 REPORT No.	101	
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08/03/16

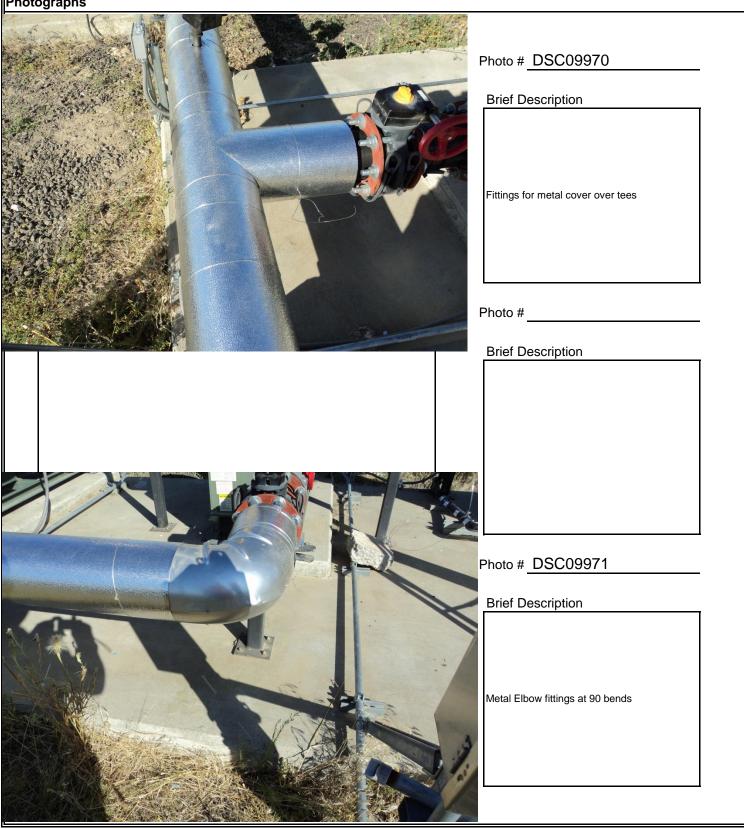
Time	orders given and received, discu	ussions with contractor, and any applicable statements for the mo	nthly estimate.					
	Fork Lift Loader -moving erosion control silt fence stakes & materials for installation							
	Ran out of wood stakes asked for permission to use smaller 1" X 1/2" X 3' stakes - NO - use metal to finish							
	Brought a small trencher to dig 1' d	eep trench to anchor silt fencing per detail						
	DKB installing metal cover/elbows	for insulation at flare						
Field Tests P	erformed	Location	Results					
None								
Copies Sent	То							

INSPECTOR J. Petty

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Photographs	
	Photo # DSC09968 Brief Description
	West view of silt fence trenching to end @ outlet structure - ran out of wood stakes -used metal
	Photo # <u>DSC09954</u>
	Brief Description
	Photo # <u>DSC09969</u>
	Brief Description
	Erosion from short cut for materials to North ditch - needs armouring with 2" minus concrete





Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

INSPECTOR J. Petty

## **PROJECT OBSERVATION REPORT**

REPORT NO.		102					
DATE	C	8/04/16	6				
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEI		57 - 94	4				

PRIM	IE CONT	RACTOR	Culbert Construct	ction	-								
Aver	age Field	d Work Fo	orce										
Na	me of Conti	ractor and/or	Subcontractor(s)	Superint	tendents/	/Foreman	Opera	ators	Lab	orers		Remark	S
В.	DKB, Inc	- metal cove	r for pipe insullation		Bruce					1	Installir	ng metal p	ipe cover
А	Culbert Co	onstruction		Andrey	w Messn	er/Juan	1			1	Ei	rosion Co	ntrol
Equi	Equipment at the Site												
	Opera	ting Contrac	tor's ID (A - E, see ab	ove)									
	Equipment - ID No, and Description							Opr	Stdby	Down	Idle		
A													
A													
А													
A													
A													
А	P/T	Fork Lift - Moving straw wattle materials for installation Area 5 & Area 2						P/T			P/T		
A	P/T	Brought c	ught compressor to cleanup North Ditch so milking/patching can be finished						P/T			P/T	
A													
A													
Job	Site Visit	ors :											
	Time		Name		Representing				Remarks				
	8:00	Mando Enr	iquez			DKB, Inc Mec	hanical Ins	sulation		Delivering materials for Flare			
					<u> </u>								
Eros	ion Cont		Are erosion control				Const E		Funct		equately?		4-7-16
		,	of discharge of pollut			or storm system?	containe				s Taken?	DSC099	972-09987
Traff	ic Contro	ol		Photos -		no		Inspec			T		
				control required		light		From	7:00	AM	То	5:00	PM Off
			control according to t			n/a		From					
	Do all flaggers have current flagging/TCS cards? <b>n/a</b> From												

<b>PROJECT</b> Sudbury Landfill 5/2 Remediation	102 REPORT No.	102	
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08/04/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.							
	Fork Lift Loader -moving erosion control silt fence stakes & materials for installation							
	Use metal fence posts to finish silt fencing.							
	Brought a compresser to clean concrete ditch							
	DKB Finished installing metal cover/elbows for insulation at flare							
Field Tests Pe	rformed	Location	Results					
None								
Copies Sent T	o							

**INSPECTOR** J. Petty

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# Photo # DSC09972

#### **Brief Description**

Metal cover over tee with insulation jacket over valves

# Photo # DSC09973

**Brief Description** 

Riser insulation with metal covering & jackets over valves

# Photo # DSC09974

**Brief Description** 

Supernatant inspection port on riser

Photographs	
	Photo # DSC09978 Brief Description
Г	Photo # DSC09979
	Brief Description         Photo # DSC09987         Brief Description
	Metal Elbow fittings at 90 bends



Project Name Project Engineer

City of Walla Walla

PROJECT

ENGINEER CLIENT

**INSPECTOR** J. Petty

### **PROJECT OBSERVATION REPORT**

REPORT NO.		103					
DATE	08/05/16						
DAY	S	М	Т	W	TH	F	S
WEATHER	CLEAR	PARTLY CLOUDY	OVERCAST	SHOWERS	RAIN	SNOW	
WIND	STILL	MODER.	HIGH				
APPROX. TEMP. RANGE					61 - 95	5	

PRIM	PRIME CONTRACTOR Culbert Construction													
Avera	age Field	Work Fo	orce											
Nar	Name of Contractor and/or Subcontractor(s) Superinte			endents/	Foreman	Opera	ators	Labo	orers		Remarks	3		
В.	DKB, Inc -	finished 8/4	1 not on site today											
А	Culbert Co	nstruction		L. Avers	s/Juan Pa	aniagua	1			1	LFG sig	gns/gradir	ng Area 2	
Equip	oment at	the Site												
	Operat	ting Contrac	tor's ID (A - E, see ab	ove)										
			Equi	ipment - ID No, a	and Desc	cription				Opr	Stdby	Down	Idle	
A														
А														
А														
А														
А	P/T	Fork Lift L	.oader - Installing sig	gns & Finish gra	ading SE	E Corner Area 2				P/T			P/T	
A	P/T	Skid Steer	Loader - Installing	signs & Finish g	grading S	SE Corner Area	2			P/T			P/T	
A														
A														
A														
Job S	Site Visit	ors :												
Time Name				Representing					Remarks					
	10:30	Joe French	1		City of Walla Walla					Observing fill SE Corner Area 2			a 2	
Erosi	on Cont		Are erosion control	managers and B		In Place?	Const E	ntrance	Functi	ching add	equately?	Vec /	4-7-16	
EIUS			of discharge of polluta				containe		Funca	-	s Taken?		None Taken	
Traffi		-		Photos T		no		-	tor On			// J. Petty Off		
Traffic Control Photos Ta Was Traffic control required to				light		From <b>7:00</b> A			To	-	PM Off			
Was traffic control according to the approved TC F					n/a				h: 10:30			AM Off		
Do all flaggers have current flagging/TCS cards?					n/a		From		en 10:00			AM Off		

PROJECTSudbury Landfill 5/2 Remediation103 REPORT No.103	
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08/05/16

Time	orders given and received, discussions with contractor, and any applicable statements for the monthly estimate.						
	Frok Lift & Skid Steer Loaders -Installing	g signs & Finish Grading SE corner Area 2					
	DKB Finished installing metal cover/elbows for insulation at flare 8/4 not on site today						
Field Tests Pe	rformed	Location	Results				
None							
Copies Sent T	о						

INSPECTOR

J. French & D. Jensen

J. Petty

APPENDIX B

# **Meeting Minutes**





Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	10:00 AM
Project:	LF09010 - Remedial Action	Date:	23-Mar-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	1

Attendees	Company	Contact Information
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Chance Chacon	MHGC	chance@mhgcinc.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov

Action Item No.	Discussions, Resolutions, Action Items
1	Include submittal reviews as attachment - easier to get in the field on mobile device.
	Reviewed schedule. MHGC may move up one week earlier.
2	Grading - use 4' over exist over waste boundary, but use design surface outside of red
	polygon. Some field blending will be necessary.
3	Haul roads - Culbert may want to adjust alignment. Will coordinate with City/Landfill.
4	Test Section - Culbert feels they have good process identified, will try to have IMT out
	early on next day of grading to confirm.
	Rain day - ok. But milestone of June 30 remains unaltered.
	Crushing - Culbert noted a lot of soil/dirt in the pile. May investigate a screen.
5	Traffic Control - need more signage and flashing lights.
6	City to ID if scale can handle weight of scrapers. David will look into this.
7	Submittals - Chance question on which items require submittals. Alex to respond.
8	Chance proposed preliminary change orders for centralizers, tremie of well drain rock,
	and grooved PVC piping. Needs answer on if interested in changes. Craig to
-	discuss with Herrera.
9	Chance proposed alternate sump to address vapor lock and maintenance concerns.
	Craig to discuss with Herrera/CBI.
10	Existing monitoring wells not yet photo documented. Kory will do this.
11	Frank request to move weekly meeting to 11 am. Alex to adjust.
Distribute d to	
Distributed to:	



Proje	ect	Sudbury Landfill Project																								3	/23/20	16
Supe	uperintendent Kory Ellison																											_
Own	er	City of Walla Walla													MA	RCH												-
NO.	ACTIVITY		21	22	23	24	29	26	27	28	22	30	31	4		3		5	6			2	20	11	12	11	194	
_			Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Tb	Fr
1	EARTHWOR	RK TEST SECTION	x																			un	- Juli	11.011	Tues			
z	EARTHWOP	RK IN AREA 2	×	WD	WD	х				x	x	x	х	x							-				-			_
3	EARTHWOR	RK IN AREA 5	x	WD	WD	х		1		x	x	х	х	x			x	x	x	x	x			x	v	x	x	v
4	CONCRETE	RESIZING	x	WD	x	х	x			x	x	х	х	x			x	x						-			<u>^</u>	
5	PLACE RESI	ZED CONCRETE ON ROADS	x	WD	x	x	x			x	х	х	x	x			x	x			i i					-	_	<u> </u>
6	MHGC MOR	BILIZATION - START PIPE FABRICATION															x	x	x	x	-		5	v				-
7	FABRICATE	4" AND 8" PIPE SECTION																		~				~	v			



Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	30-Mar-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	2

Purpose of	Weekly Progress Meeting
Meeting:	

Attendees	Company	Contact Information
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Chance Chacon	MHGC	chance@mhgcinc.com
Steve Culbert	Culbert Construction, Inc	steve@culbertconstruction.com
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	Chance noted that wells can be constructed per spec without centralizers, tremie of rock,
	or grooved pipe - but a small investment in upgrade now may extend life of well. Craig
	to discuss again with Tyson and respond to Chance.
2	Chance will call Erik at CBI to discuss questions on sump design.
	Reviewed schedule - drilling to start 4/25 after rough grade has been reached
	Frank noted that City needs 30 days advance warning for biosolids application in final cove
3	Grading - Culbert proposing a change in methods that involves placing one 4-foot thick
	lift and then ripping with D8 dozer to loosen and then track walk with dozer.
	This method has not yet been proven on a small test section - yet Culbert is moving
	forward and plans and is building all of Area 2 up to grade and will have D8 onsite
	Thursday and IMT onsite Friday morning for testing. This differs from the 2-foot thick
	lifts noted in specs and extra testing will be required on Friday in order to confirm that
	the entire soil layer meets specs and is uniform.
4	Chance noted that he would like response today on four outstanding submittals.
	Chance asked if 1.5" wyes callout on D-502 could be replaced with tees. There are no
	1.5" wyes available. Frank and Alex agreed that tees are acceptable.
	Chance noted their plan to fabricate long lengths of HDPE pipe and drag them across surface to be placed in trenches. This is acceptable.
5	
	Joel noted that he needed certified payrolls. Dan was going to follow up. Joel noted that he was not being sent IMT reports. Dan noted it was an email mistake
	and Joel should now start receiving IMT reports.
	and over should now start receiving him reports.
Distributed to:	



Proje	Project Sudbury Landfill Project																								]	3/	/30/20	16
Supe	erintendent Kory	Ellison																										
Own	ier City o	of Walla Walla						_							MA	RCH												
NO.	ACTIVITY		28	29	30	- 81	1	2			5	6	7			10	33	12	13	26	35	26	17	15	15	30	21	22
			Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	5un	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri
1	EARTHWORK IN A	AREA 2	x	x	x	x	×			х	x	x	х	x														
2	EARTHWORK IN A	AREA 5	x	x	x	x				х	x	x	х	x		_	x	x	x	х	x			x	x	x	x	x
3	CONCRETE RESIZI	NG	x	x	x	x	x			х	х	x	х	x			x	x	1				1					0
4	PLACE RESIZED CO	DNCRETE ON ROADS	x	x	x	x	x			x	x	x	х	x			x	x						j – j				
5	MHGC MOBILIZAT	TION - START PIPE FABRICATION	x	x	x	x	x			х	х	x	x	x			x	x	x	х				x	x	x	х	x
6	FABRICATE 4" ANI	D 8" PIPE SECTION						-		х	x	x	х	x														



	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	6-Apr-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	3

Purpose of Weekly Progress Meeting Meeting:

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	Joel noted that certified payrolls are not coming in timely fashion. Culbert will try to get them submitted by Tuesday of each week.
2	Area 5 Grading - contractor reached waste at higher elevation than anticipated. Surveyed portion of Area 5 that did reach subgrade - waiting for results. Started placing fill at southern portion of Area 5. Engineer may need to develop new finish grade surface depending on results of Area 5 subgrade survey. Contractor is continuing cut to subgrade in NE corner of Area 5.
3	Traffic control - signs falling down in wind. Culbert will be more cognizant of maintaining signage.
4	Existing culvert at SE corner of Area 2 covered - contractor will excavate to expose.
5	Culbert still needs to construct the stabilized construction entrances.
	Prison crews are picking trash off of fence along haul route to make clear path for haul route from borrow site.
	Reviewed schedule.
Distributed to:	



	And the second se																								1 - N	4	/6/201	6
Proje	ect	Sudbury Landfill Project																										
Supe	rintendent	Kory Ellison										1																
Own	er	City of Walla Walla											1. 1. 1. 1.		MA	RCH	11.14		N. 1997									
NO.	ACTIVITY		4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
1			Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri
1	EARTHWOR	RK IN AREA 2	x	x	x	x	х			х	Х	x	х	Х									1.1			<b></b>		
2	EARTHWOR	RK IN AREA 5	X	х	x	х				х	х	x	• x •	Х			x	х	х	х	X			x	х	x •	х	X
3	CONCRETE	RESIZING	х	х	x	х	х			х	х	x	х	Х			x	х										2
4	PLACE RESI	ZED CONCRETE ON ROADS	х	x	x	. x .	х			х	х	х	x	х			X	х										
5	MHGC MOI	BILIZATION - START PIPE FABRICATION								х	Х	x	х	Х			х	х	Х	х				x	x	х	х	x
6	FABRICATE	4" AND 8" PIPE SECTION				1		1.		х	х	х	• x •	х	$(1,1)_{i\in I}$					1.11								
-	And the second se				1.																							



Ī	Client:	City of Walla Walla	Prepared by:	Alex Fazzari
	Site:	Sudbury Road Landfill	Time:	11:00 AM
	Project:	LF09010 - Remedial Action	Date:	13-Apr-16
	Project #:	30-11-012	Location:	Landfill Conference Room
ſ			Report No.	4

Purpose of Weekly Progress Meeting Meeting:

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
Chance Chacon	MHGC	chance@mhgcinc.com
Melissa Warner	City of Walla Walla	mwarner@wallawallawa.gov

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	Discussed submittal 18-4, Alex to discuss with Tyson and get response whether Buna-N is acceptable or not.
2	Dan noted Culbert spent several hours digging to find existing tee to connect to gas
	system as shown in plans - it was incorrect location. Dan will prepare request to be
	reimbursed for wasted effort.
3	JUB received survey of Area 5 subgrade yesterday afternoon - working on redesign and
	hope to have new finish surface within next day. This will also require redesign of gas pipe profile/grade - Tyson will work on this.
4	Chance will call Erik to coordinate shutdown of flare directly with him.
5	Vent was sealed this morning but it took twice as much concrete as thought. Chance to develop proposal for cost change.
	Reviewed schedule (attached). Pipe trenching next week. North ditch later in schedule.
6	David will talk to land owner to advise that Culbert will begin grading at borrow site on 18th City is going to track all drilling waste that goes into Area 7
7	Alex to discuss with Tyson/Craig the effect that revised grading will have on well depths
	Chance asked about payment on previously agreed to "minor changes". The RFI is
	authorization and Culbert will include in pay estimate to Joel.
	Chance noted that he will add one centralizer per well and will do a limited amount of
	tremie. Chance would like direction during well development if he is meeting the
	project requirements or not. Frank noted that Craig will be onsite during well
	development.
	Melissa noted that a tour of children will be onsite at landfill next Wednesday.
Distributed to:	



Proj	ject Sudbury Landfill Project																								4,	/13/20	16
Supe	perintendent Kory Ellison				e file							1													1.1	$i_1 \times \frac{1}{2}$	1.1
Own	ner City of Walla Walla	APRIL-MAY																									
NO.	ACTIVITY	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6
		Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri
1	SUBGRADE AREA 5	x	x	x	x	x	1		1.1			1.1.1									1.1.1		11				
2	IMPORT FILL AREA 5	1.5	$\left\{ e^{-\frac{1}{2}} \right\}_{i=1}^{n}$		$(f_{1},f_{2})$		1.20		×	x	x	х	х					$e^{\pm i \frac{1}{2}}$		$\{ f_{ij} \}_{i \in I}$		12		$\{i_{1},\ldots,i_{n}\}$		1.1	
3	CONCRETE RESIZING	x	x	Х	х	x			x	x	x	x	х		1. J. M.		1.1.1				2		+ <u>}</u>			$1 \leq \frac{1}{2}$	
4	PLACE RESIZED CONCRETE ON ROADS		1.5	1.	1.1	1.1		$c_{\mu} \in \mathcal{A}_{\mu}$		$\delta_{1}(t) \geq$	1.1	N B		1.1.1		x	x	х	х	х	1.0		х	x	x	x	x
5	MHGC MOBILIZATION	x	x	(1)	$r \sim s$	19 T (1	1.1	20		- S. 1	1.1			1.14		1 - 5							$ \psi_{i}  = \frac{1}{2}$		1997 - B		1.19
6	DECOMMISSION GAS VENT		101	x					$\frac{1}{2} \frac{1}{2} \frac{1}{2}$		1.1					16 <sup>16</sup> 6 1	1.1.1		e e e				1.1	1 10 8 10			
7	FABRICATE 4" AND 8" PIPE SECTION	x	х	x	х	$\frac{1}{2}$ is							19		1.				- 								
8	MAJOR PIPIING FABRICATION	1.15 (1)				(1)		19.00	x	x	х	x	x	1.1		1.14							10 C.				
9	MOBILIZE DRILL RIG				19	11	1.						4	1.1.1.1		-x)		1.00		199							$\{ e_{i} \}_{i \in \mathbb{N}}^{d}$
10	GAS WELL INSTALLATIONS - AREA 2 & AREA 5	1.1.1.1.1	1.	1.1	1.1				1.1		6.5	2			1. 1. 1.	X	x	x	х	х	1	1.1	18 A.		1.1	1.1.1	1 <sup>1</sup> 1



Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	20-Apr-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	5

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
Melissa Warner	City of Walla Walla	mwarner@wallawallawa.gov
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com
Marni Solheim	Department of Ecology	MSOL461@ECY.WA.GOV
Laurie Damon	Department of Ecology	
Cole Carter	Department of Ecology	
John Cleary	Department of Ecology	jcle461@ECY.WA.GOV

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	JUB is working on revised grading plan, Herrera working on re-alignment to gas pipe
	Gas well bottoms will hold per plan, top elevations will rise - difference will be made by
	adding to the 4-inch diameter section
	Culbert has started hauling from borrow site
	Reviewed schedule - no changes from schedule presented last week
	Concrete crushing is nearing completion
	Gas well drilling will be next week
	Discussed liner to concrete connection
*****	
*****	
Distributed to:	
Distributed to:	



Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	27-Apr-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	6

Purpose of Weekly Progress Meeting Meeting:

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Chance Chacon	MHGC	chance@mhgcinc.com

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	JUB is working on revised grading plan, Herrera working on re-alignment to gas pipe
2	Chance requested to have all changes clouded on updated plan sheets and revision
	blocks updated accordingly. Alex will make request of Herrera.
	Currently drilling #6 of 10 wells.
	Chance asked about saddle taps - Tyson agreed that the ones ordered were acceptable
	Chance is working with Joel on cost proposal for vent decommission
3	Startup for gas system work will likely be scheduled for next month during Erik's
	regularly scheduled site visit.
4	Frank will contact Willy about schedule for biosolids for final cover.
	Reviewed schedule - no issues. Rough grading should be complete by end of week.
	Trenching for gas pipes/vaults during next two weeks.
Distributed to:	



Proje	ect Sudbury Landfill Project																								4/	26/20	16
Supe	erintendent Kory Ellison																										
Own	ner City of Walla Walla					_								APRI	-MAY												
NO.	ACTIVITY	25	26	27	28	29	30	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
100		Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun		Tues	Wed	Th	Fri
1	IMPORT FILL AREA 5	x	x	x	x	x	1.30	Sec. 5						Rec							Jui	Juli		Tues	weu		
2	PLACE RESIZED CONCRETE ON ROADS		-				A H							1.64	9.000	x	v	v	v	x			x	~	~		
3	FABRICATE 4" AND 8" PIPE SECTION	x	x	x	x		No.	5		_				1	GT P		^		<u> </u>		10.1	1200	<u></u>	X	X	X	X
4	MAJOR PIPIING FABRICATION						100	24.9	x	x	x	x	x		100	-					2.2	100					<u> </u>
5	GAS WELL INSTALLATIONS - AREA 2 & AREA 5	x	x	x	x	x	100	NO.		<u></u>		^	<u></u>		1999					_	1.120			-			$\vdash$
6	DIG GAS TRENCHES & ANCILLARY ITEMS	x	x	x	x	x	- 36	1.34	x	x	x	Y	v	18.7	12.13	-					14.7		-	_			$\vdash$



Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	4-May-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	7

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Chance Chacon	MHGC	chance@mhgcinc.com

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	Culbert looking for submittal review on 14-2.
2	Culbert noted that they submitted cost proposal for minor change for downtime resulting
	from issues with gas pipe trenching - specifically for Thursday/Friday.
	Chance noted difficulty finding 90-degree elbows for airline - difficulty finding SDR 9 in
	supply. Proposed a different diameter/thickness ratio that has same 200 psi pressure
	rating as specified. This was approved at the meeting.
	Chance asked if could make slight change to bollard design in order to facilitate sequence
	of construction. Reduce depth of concrete base from 3' to 2'. This was approved.
3	Chance noted that Erik called and asked him to rotate flowmeter install so that top of unit
	faces up (12 o'clock) rather than at 45 degree angle shown in plans. Alex to check with
	Tyson to confirm.
4	Chance noted that measurement and payment for extraction wells should be for length of
	pipe from bottom cap to top cap. Only 475.5 listed on current pay request - but is
	requesting payment for the additional 31.7 feet on next pay request. Design team to
	evaluate.
	Gas Pipe - it was discussed that future gas piping layout will not exactly follow the propose
	design in terms of plan view and number of fittings; rather, they will field adjust the
	alignment as necessary to minimize trench depth and maintain minimum 1% slope.
	Chance noted that he would need to cut apart some pieces and would expect to be
	compensated for extra effort - but will likely be cheaper than fabricating all fittings.
	Chance asked if he could pressure test pipe without backfilling first - to save time. This
	is acceptable provided safety measures are followed.
	Reviewed schedule.



Proje	ject Sudbury Landfill Project																								5	/4/201	16
Supe	erintendent Kory Ellison																										
Own	ner City of Walla Walla							_			_		_	м	AY		_										
NC.	ACTIVITY	2	3	4	5	6	7		9	10	11	12	13	14	15	16	327	18	19	20	21	22	23	24	25	26	27
		Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri
1	IMPORT FILL AREA 5	x	x	x												2											
2	DIG LFG TRENCHES & ANCILLARY ITEMS	x	x	x	х	x			x	х					] ]												
3	INSTALL LFG PIPING IN TRENCHES	x	x	x	x	x			x	x	x	x	х														
4	BACKFILL LFG TRENCHES	x	x	x	х	x			х	х	x	x	х														
5	EXCAVATE NORTH DITCH & PREP FOR LINER TO INCLUDE ANCHOR TRENCH															x	x	x									
6	BOTTOM HDPE LINER - ACFWEST											_							x								
7	GEOTEXTILE FABRIC & DRAINAGE MAT																		x	х							
8	CSTC ROCK																			x			х	)			
9	POUR BASE SLAB - MORENO - NELSON																							$(\mathbf{x})$	x	х	x
10	PLACE RESIZED CONCRETE ON ROADS									l I													х	×	x	х	X

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ACTION ITEMS

1. SUBMITTAL 14-2 NEED RESPONSE FROM JUB

2 SLIBMITTAL 11-O NEED RESPONSE FROM AUD



Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	11-May-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	8

Purpose of	Weekly Progress Meeting
Meeting:	

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Chance Chacon	MHGC	chance@mhgcinc.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	Joel noted that the existing pipes to connect to North Ditch are filled with sediment. The
	team will conduct a site walk following the meeting to evaluate.
2	Chance noted that he was submitting well reports to WDOE and asked what we wanted
	to see - Craig asked for a copy of what was being submitted.
	Chance noted concerns with pressure testing the air pipe at 150 psi. It was decided just
	to stick with the 10 psi air test for leakage per the specifications.
	Chance noted concern with chain of communication regarding proposed changes in
	specifications. All proposed changes to specifications will be routed through Culbert.
3	Joel noted that the gas pipe trenching resulted in refuse that needs to be hauled to the
	active cell and asked about payment. Alex noted that specs addressed that it was to
	be anticipated as part of trenching - but will look into it and get back to Dan.
4	Chance asked what to do with spare flowmeter. He will give it to David.
	Discussed procedure for placing final cover - concern with over-compacting with
	scraper traffic. Culbert will evaluate consolidating scraper haul routes to minimize the
	amount of ripping that will need to be done.
*****	Reviewed schedule.
****	
Distributed to:	



Proje	ect Sudbury Landfill Project																								5,	/11/20	16
Supe	erintendent Kory Ellison							1																			
Own	er City of Walla Walla	$\frac{1}{2} \left\{ \frac{1}{2} \right\}$	1.51		1.1		2.1.7	1.11		1.1				м	AY	1.5.5			1.1	8.1							
NO.	ΑCTIVITY	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3
		Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri
1	INSTALL LFG IN TRENCHES			x	x	x	12	1	. V.		$1 \le 5$	111		12		$\mathcal{E} = \mathcal{E}$		11 ( L				12	1.		115	1.11	
2	BACKFILL LFG TRENCHES	5 6	1. A. A.	x	x	x	$\{[i_i,i_j]\}$		x				1.5	4.72	101	1.1				1.1.1		$\sqrt{2} \left( \frac{2}{2} \right)$		${\mathbb E}_{p_{1},\dots,p_{n}}$			
3	CONDUIT INSTALLATION, WW ELECTRIC	8 800		x	х	$\frac{1}{2}$		1.1					${\mathcal L}^{(1)}$		1.		$k_{ij} < 1$				1.0		$e_{i}^{2} = e_{i}$		r = r	19	11
4	EXCAVATE NORTH DITCH	$\langle \langle \cdot \rangle \rangle$	1	x	x					1, 12				1.1.1					8 2		( the second		1.1.1		5.5		
5	NORTH DITCH HDPE LINER, ACF WEST	1				8 <sup>1</sup> 1	1.1.1	19		19		x		1.0		1.1			·	10 A A		1.1.1	80 ° 1		19 <sup>10</sup> 1		
6	NORTH DITCH GEO FABRIC & DRAINAGE MAT							11	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	8 . <sup>6</sup> .	100 A	x	х			2.1	8	1.1	2 2				e		1.1		100
7	NORTH DITCH CSTC	1. 18		$\frac{1}{2}$ is									5		199	x	x		1		1.						
8	NORTH DITCHBASE SLAB, MORENO & NELSON		10 - R 10 - R					1.14	1.	1.1					Sec.		x	x	x	х		1.1.1					
9	HAUL ROAD DEVELOPMENT		1.1			11	1.1	1.1.1	1.1	x	х				1.	1. S. S.		$\frac{1}{2} = \frac{1}{2}$	111	1.1	194		1.1	1. S.			$ u ^{2}  u ^{2}$
	RIP AREA 2 & 5 (COMPACTION TESTING)				1.8		10		1		x	x	x	1.20	1.2	1.1	6.1	1.1		1.1		${\bf v}_{j}^{(0)}:$					2
11	FINAL COVER (NEED COMPOST) biosolids	1.									1.1				1	х	x	х	х	X							
· · · ·	COMPOST ROAD IMPROVEMENTS		1.	1		e ., 17	12.		11	1.1	1. 1. 2.	1.1	17 17 1				12.1	1.					х	х	x	x	x



Client:	nt: City of Walla Walla						
Site: Sudbury Road Landfill							
Project: LF09010 - Remedial Action							
Project #: 30-11-012							

Prepared by:	Alex Fazzari
Time:	11:00 AM
Date:	18-May-16
Location:	Landfill Conference Room
Report No.	9

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Chance Chacon	MHGC	chance@mhgcinc.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
Craig Schwyn	Schwyn Environmental	craig@schwynenviro.com
******		

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
1	Biosolids needed on Monday for final cover schedule - Frank to coordinate
2	Weekend rains anticipated - Kory to install some straw wattles in preparation, City to build berm on north side of inlet to prevent run-on through culvert
3	Gravel placement on top of liner in north ditch - driving dump truck on top of liner with layer or rock. Team to visit and investigate after meeting.
	Remote readout for flowmeter near flare should go inside of building rather than panel mounted near vault.
	Chance noted that not all pipe risers are plumb and wanted to note that nobody should try
	to bend or force them otherwise they will be damaged. Air/condensate could be adjusted
	Chance noted that valve tags not required in specs. They will mark with a sharpie and
	City may want to buy some valve tags.
4	Chance asked if City really needs 6 hard copies of O & M manuals. We will get back.
5	JUB will review the electronic submittal the O & M Manual before they make all of the
	final hard copies. JUB will get feedback from team (including Erik) during review.
6	June 1 selected as training day for Chance to demonstrate operation of system and training
	Frank to confirm/coordinate with Erik. Tentatively will begin at 8 am.
	Traffic will be diverted to haul road for approximately two weeks during construction of compost access road improvements.
	RFI regarding wet-setting vertical bar on North Ditch. Alex noted concern with timing of placement and lack of consolidation aroudn bar if placed too late. Need more jusification
	North face of Area 5 should be smoothed out - no gullies
	Final cover - can wait to survey until reach final grades.
	Reviewed schedule. Next week very busy with concrete, final cover, compost road.
Distributed to:	



Proje	ct	Sudbury Landfill Project																								5	/18/20	16
Super	rintendent	Kory Ellison																										
Owne	er	City of Walla Walla	MAY																									
NO.	ACTIVITY		16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	5	6	7	8	9	10
			Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri	Sat	Sun	Mon	Tues	Wed	Th	Fri
1	ACF WEST H	HDPE LINER		x		6.5		200	$\mathcal{A}_{\mathcal{F}}$	1.5	1.00	1.1.4	111	5.6.8		14	1974		(-1)		14		1.1	$x \stackrel{A}{=} x$	1.1			
2	BACKFILL LI	FG TRENCHES	X	x	x			1.	1.1	1.5						100	1.1	10			1.1			19				
3	HAUL ROAD	DEVELOPMENT @ AREA 2	x	x	1949		51.5		1.1.1	1.5		1.1.1		1.1.1		1.		644		4 s e		1		1.1.1	115			
4	RIP AREA T	WO AND FIVE		de la construcción de la constru	2.3	x	х	1.1.1	11	X	216	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		1.1	1.	1.00	1.1	1.1		1.16			1.1.					
5	COMPACTIO	ON TESTING	1.1.1	11	1.5	1.1	x		in the		1.1		154		120		1.63	1.1.1	5.6.5	12			1.	1.1.1	1.1.1		1	
6	STORM DR	AIN COMPOST AREA	1 1 1	200	x	x	x		1.	1.1	11	19.1	8 E (1	6.5	- 2					1.1	215	1.		1.1				
7	GEOTEXTILI	E FABRIC @ NORTH DITCH		1.5.5	x	(1, 2)		1. 2. 1		45 F.		5.5.5	111	18.2		12	1.1.1				1.5.5		5,50		5.51		19 N. N. N.	
8	ROCK NORT	гн DITCH			10.0	x	x		12.1		de la c		1.1		233		111	1.1		1.1		199	12	10.1		1.00	1	1.1
9	NORTH DIT	CH BASE SLAB - MORENO & NELSON	1.5.1		4 S. C. S.		53.5		12.1	x	х	х	х	x	1.1	14/10	x	x		n te		(X,Y)			1			
10	FINAL COVE	ER NEED BIOSOLIDS		10.0	1.1	2.2.3		- X - 1	1.	x	x	x	х	x	12.2		x	x	12.12		8 P (	14.1	121			1.1	11	
11	COMPOST	ROAD IMPROVEMENTS	h thin	1.1.1	6 - 51		1.2.2		100	x	х	х	12.11	1. 1. 1. 1.	1.50									1.1.1	1. A. I.		1.1	
12	EROSION C	ONTROL DITCH LINER	12.11	1.1	11	1.12			11.	1.11	1	11.1		12		12.2			х	х	x	1.11					1.1	
13	COMPOST F	ROAD PAVING		111		1.5			199	12.					1. 1. 1.	19			х	х		- :	1.1.1					
14	AREA 2 ELE	CTRICAL	1.10	1.1	111		16.15			1. 1. 1				1.1		1.1.1	11			12.2			2.4.1	x	x	x	x	X
15	FROST PRO	TECTION	1 1 1 1	1				1.7%	1.1.1	1 1 1					1.00	100			1.1.1				100		1	x	x	X



Client:	City of Walla Walla	F
Site:	Sudbury Road Landfill	٦
Project:	LF09010 - Remedial Action	0
Project #:	30-11-012	L

Prepared by:	Alex Fazzari
Time:	11:00 AM
Date:	25-May-16
Location:	Landfill Conference Room
Report No.	10

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Dan DeRousie	Culbert Construction, Inc	dan@culbertconstruction.com
Damon Taam	City of Walla Walla	dtaam@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved.
	Culbert noted that a 12" deep enclosure for flowmeter transmitter is difficult to find, asked
	if could go with 10" deep one. Alex and Frank agreed that is fine. Shield can be simple
	Joel noted some minor inconsistencies in compaction testing for cover following the
	ripping operation. Team to investigate following meeting.
1	Joel noted concern with amount of metal in the crushed concrete along haul roads. Dan
	to look into options for magnets/machinery to run along haul roads to remove metal.
*****	Final cover being constructed. Scrapers sticking to a main haul road and using dozers to
	push final cover in place.
	Culbert working on getting electrical taken care of this week and early next week in
2	preparation for starup of gas system next week. Culbert will have AP survey the crushed rock pile and IMT conduct a density analysis in
<u>ــــــــــــــــــــــــــــــــــــ</u>	order to determine pay amounts for crushed rock stockpiled. At that point, scale
	tickets will no longer be used to track payment for haul road development bid item.
	Reviewed schedule.
	Concrete pour later this week. Alex noted four test cylinders per 30 CY of concrete.
3	Briefly discussed change order. Culbert to provide backup calculations for proposed
	amounts.
Distributed to:	



Proje	ect	Sudbury Landfill Project																								<b>5</b> /	/25/20	16
Supe	rintendent	Kory Ellison	(1)		de la c							* • • • •																
Own	er	City of Walla Walla	MAY																									
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11	FROST PRO	TECTION					1.1	1.200	12/2	Sugar.			1.1.1		1.2									х	х	х	х	х



Client:	City of Walla Walla	Prepared by:	Craig Schwyn for Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	1-Jun-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	11

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Jay Yonkers	City of Walla Walla	jyonkers@wallawallawa.gov
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com
Craig Schwyn	Schwyn Environmental Services	craig@schwynenviro.com
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Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved except.
а	Culbert has not resolved how the metal in the crushed concrete will be rectified.
	Joel indicated that a bumper mounted magnet might be a solution.
b	Culbert has not had AP survey the crushed rock pile.
	IMT conducted a density analysis, but needs to provide specific gravity.
С	Culbert has yet to provide backup calculations for proposed changes.
	New Action Items and Project Status:
1	Joel requested RFI for the water stop materials. Kory to provide.
2	Eagle Fence was contracted by the City to repair the dismantled front gate.
	Kory understood that the bill would be passed on to Culbert.
	Kory has contracted the fencing company to repair the fence damaged by
	the scrapper located near the leachate pond.
3	Kory requested clarification on the extent of hydroseeding needed in the vicinity of
	the crushed concrete pile, and where additional crushed concrete is needed.
	Joel and David will review and discuss the needed work with Kory.
4	The base rock for the compost road will be delivered on Thursday.
	Joel to review/accept the material upon delivery.
5	Culbert was requested to place an insulated concrete pad around the two sumps
	to repair the cracked Area 2 sump and provide Area 2/5 sump frost protection. Joel to provide a sketch of the pad to Kory.
	Schedule:
	No change from last week except the final cover placement may extend through Friday.
	Cover compaction specifications are being met and top surface is being placed.
	Biosolids application in barrow area should be finished today.



Client:	City of Walla Walla	Prepared by:	Craig Schwyn for Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	8-Jun-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	12

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Craig Schwyn	Schwyn Environmental Services	craig@schwynenviro.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting.
1	Culbert still working on options to remove metal from crushed concrete.
2	Culbert still working on identifying density of crushed concrete for payment.
	Final cover grade check being surveyed today.
3	Culbert will bring in more fill to smooth out north face of Area 5
	Compost will be applied tomorrow
	Joel suggested some minor adjustments to location of erosion control ditch along south
	boundary of Area 5.
4	Culbert to go ahead and apply seed/fertilizer/tackifier/mulch to all disturbed areas to be
	seeded that are NOT in Area 2/5. Seeding for Area 2/5 final cover will wait for Sept.
5	Joel/David discussed some adjustments to site restoration/seeding with Kory - they will
	work these out in the field.
6	North Ditch - adjustments will need to be made to ensure that sheet flow is directed into t
	concrete channel. Team to tour following meeting.
7	Flowmeters - It appears that a field calibration was not completed. City will attempt to ta
	care of this but follow up action from Contractor may be necessary.
8	Kory to determine if Walla Walla Electric did the field calibration or not.
9	Joel noted that tickets for HMA only add up to 400 tons when it is estimate that about 450 tons were needed. Joel is going to conduct some coring to ID if 3" compacted depth was placed.
	Next week will focus on cleaning up haul roads, finishing north ditch, install of erosion
	control ditches
****	



Client:	City of Walla Walla	Prepared by:	Alex Fazzari
Site:	Sudbury Road Landfill	Time:	11:00 AM
Project:	LF09010 - Remedial Action	Date:	15-Jun-16
Project #:	30-11-012	Location:	Landfill Conference Room
		Report No.	13

Attendees	Company	Contact Information
Joel Petty	City of Walla Walla	jpetty@wallawallawa.gov
Craig Schwyn	Schwyn Environmental Services	craig@schwynenviro.com
Frank Nicholson	City of Walla Walla	fnicholoson@wallawallawa.gov
David Jensen	City of Walla Walla	djensen@wallawallawa.gov
Kory Ellison	Culbert Construction, Inc	kory@culbertconstruction.com

Action Item No.	Discussions, Resolutions, Action Items
	Reviewed action items from last meeting - all resolved except a few noted below.
	Culbert ordered magnet to remove metal from crushed concrete.
	Various samples of a known volume was weighed on scales to determine density of
	crushed concrete. Will use average of values. Survey of stockpile still not provided.
	Culbert will evaluate if the want to apply seed/fertlizer/mulch/tackifier for all disturbed area
	outside of final cover at this time or not.
	City needs to let Kory know how much of borrow area needs seeding.
	There are several outstanding submittals that Culbert needs to provide.
	Submittals for crushed rock stockpile and borrow area survey needed for payment proces
	Sheet C-102 calls out for 10'x10' pads of crushed rock around all wells. This is not neede for wells on Areas 2/5 but should be included on the two wells at Area 1 as well as
	around sump on Area 2 and sump on Area 5.
	The pavement on a small portion of the compost road is soft. Team to visit and evaluate
	following the meeting.
	This is the final weekly progress meeting.
	A walk through to determine substantial completion is scheduled for June 28.

APPENDIX C

# **Record Drawings**



# SUDBURY ROAD LANDFILL **REMEDIAL ACTION** WALLA WALLA WASHINGTON



LOCATION MAP

**RECORD DRAWINGS:** 

JUB

J-U-B ENGINEERS, INC.

HERRERA

chwyn

Services

Environmental

These record documents have been prepared based on information gathered during field observations as well as information provided by others. The accuracy or completeness of information provided by others has not been verified by J-U-B ENGINEERS, INC.

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Any seals of the registrants included hereon represent that the drafting of the record drawing information was completed by staff under the registrants' responsible charge.

**FINAL PLANS RECORD DRAWINGS DECEMBER 2016 PREPARED FOR:** 



MAYOR: JERRY CUMMINS CITY MANAGER: NABIEL SHAWA

**CITY PROJECT NUMBER: LF09010** 

# INDEX OF SHEETS

	GENERA	L						
	G-001	COVER SHEET						
	G-002	SHEET LEGEND AND LINETYPES						
	G-003	ABBREVIATIONS AND SYMBOLS						
	SURVEY AND MAPPING							
	V-101	SURVEY CONTROL						
	V-102	OVERALL SITE MAP						
	CIVIL							
	C-101	GRADING & DRAINAGE PLAN - AREA 2						
	C-102	GRADING & DRAINAGE PLAN - AREA 5						
	C-103	GRADING PLAN – BORROW AREA						
	C-104	EROSION & SEDIMENT CONTROL PLAN						
	C-105	EROSION & SEDIMENT CONTROL PLAN						
	C-106	SUBGRADE – AREA 2						
	C-107	SUBGRADE – AREA 5						
	C-201	NORTH DITCH – PLAN & PROFILE						
	C-202	COMPOST ACCESS ROAD - PLAN & PROFILE						
2	C-203	COMPOST ACCESS ROAD - DETAIL						
	C-301	AREA 2 PROFILES						
	C-302	AREA 5 PROFILES						
	C-401	NORTH DITCH DETAILS						
	C-402	NORTH DITCH DETAILS						
	C-403	NORTH DITCH DETAILS						
	C-404	NORTH DITCH DETAILS						
	C-501	CIVIL DETAILS						
	C-502	CIVIL DETAILS						
	C-503	CIVIL DETAILS						
	MECHAN	ICAL						
	D-101	LFG EXTRACTION WELL AND PIPING PLAN						
	D-201	CONDENSATE PIPE: AREA 2 PLAN AND PROFILE						
	D-202	CONDENSATE PIPE: AREA 5 PLAN AND PROFILE						
	D-203	LFG PIPE: AREA 1 PLAN AND PROFILE						
	D-204	LFG PIPE: AREA 2 PLAN AND PROFILE						
	D-205	LFG PIPE: AREA 5 PLAN AND PROFILE						
	D-501	LFG EXTRACTION WELL AND CONNECTION DETAILS						
	D-502	CONDENSATE VALVE AND CONNECTION DETAILS						
∕2∖	D-502b	SUMP DETAIL						
	D-503	PIPE, VALVE, AND FLARE WINTERIZATION DETAILS						
	D-504	FLOW METER DETAILS						

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SHEET NUMBER: G-001

	LINETYPES	
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Road Gravel	EG	EG EG EG
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Minor Contour	2126	2126
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Fill Limits	FILL	
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Permanent Easement	P/E	P/E
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# SECTION AND DETAIL IDENTIFIERS

NOTE: A DASH MAY BE PLACED IN THE LOWER PORTION OF THE IDENTIFIER IF THE DETAIL DRAWING OR SECTION VIEW IS LOCATED ON THE SAME SHEET

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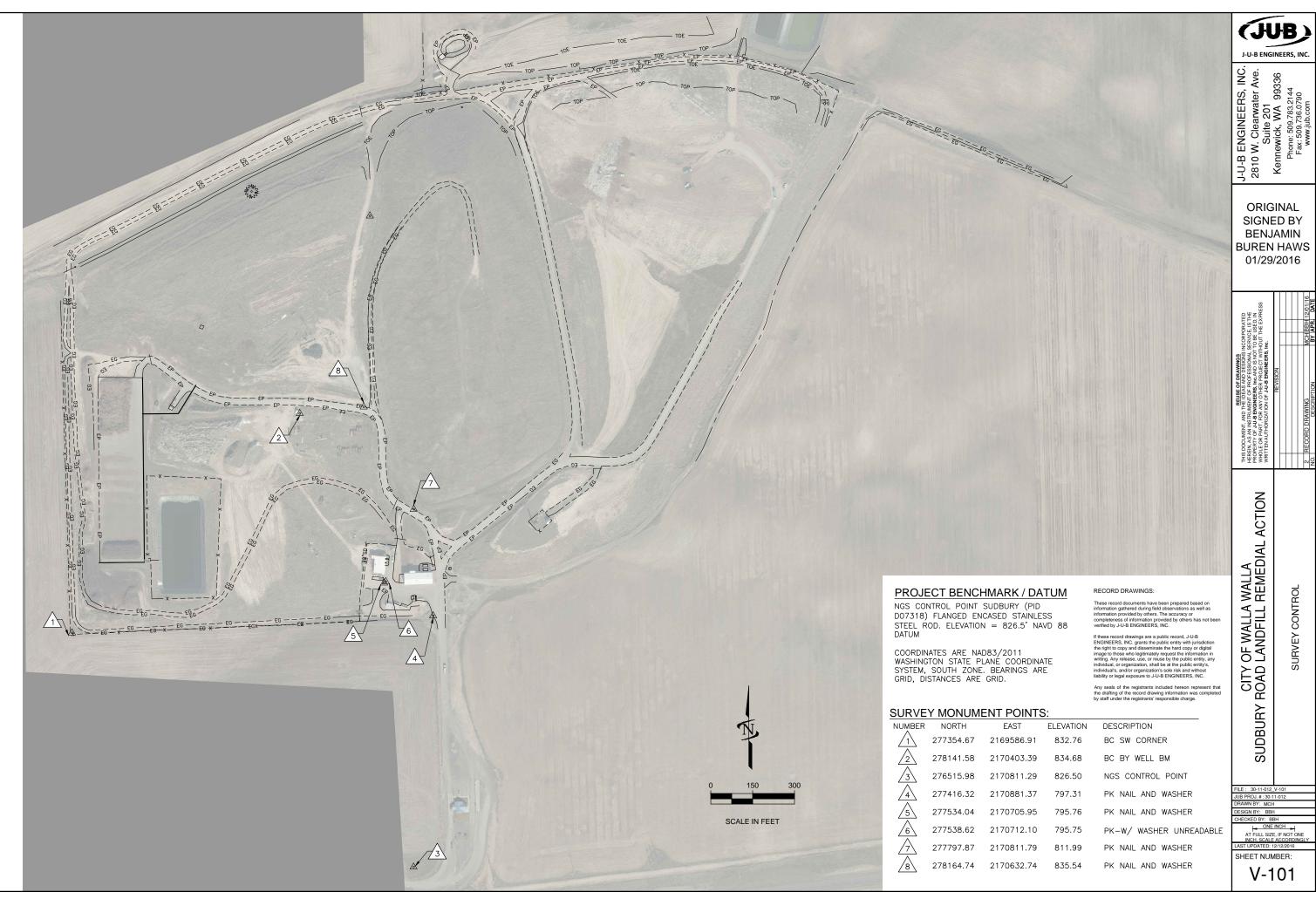
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			STUB	æ	Ē	END	V	V		NATURAL G		WELLS	-	-	WALL			SUDBURY	
	ORD DRAWINGS:		070			PIPE END	(	C	SYMBOL	EXISTING SYMBOL &	PROPOSED SYMBOL &	CONDENSATE	^	<b>A</b>	CONCRETE BARRIER				
inform	e record documents have been prepared based on nation gathered during field observations as well as nation provided by others. The accuracy or		STREET LIGHT	<b>\</b>	*	FILL		) )	DESCRIPTION	BLOCK NAME	BLOCK NAME	SUMP	$\bigtriangleup$		WALL		· · · · · · · · · · · · · · · · · · ·	FILE : 30-11-012	2_G-004
comp	letteness of information provided by others has not been ad by J-U-B ENGINEERS, INC.		TDAFFIC				1		GAS	e Ħ	G	'						JUB PROJ. # : 30-1 DRAWN BY: MCH	-11-012
If the	se record drawings are a public record, J-U-B NEERS, INC. grants the public entity with jurisdiction		TRAFFIC SIGNAL						METER									DESIGN BY: BBH CHECKED BY: B	
ENGI																		01/5	C INICL
ENGII the rig image writing	ght to copy and disseminate the hard copy or digital to those who legitimately request the information in g. Any release, use, or reuse by the public entity, any dual, or organization, shall be at the public entity's,		POLE						GAS	GХ	G							AT FULL SIZ	ZE, IF

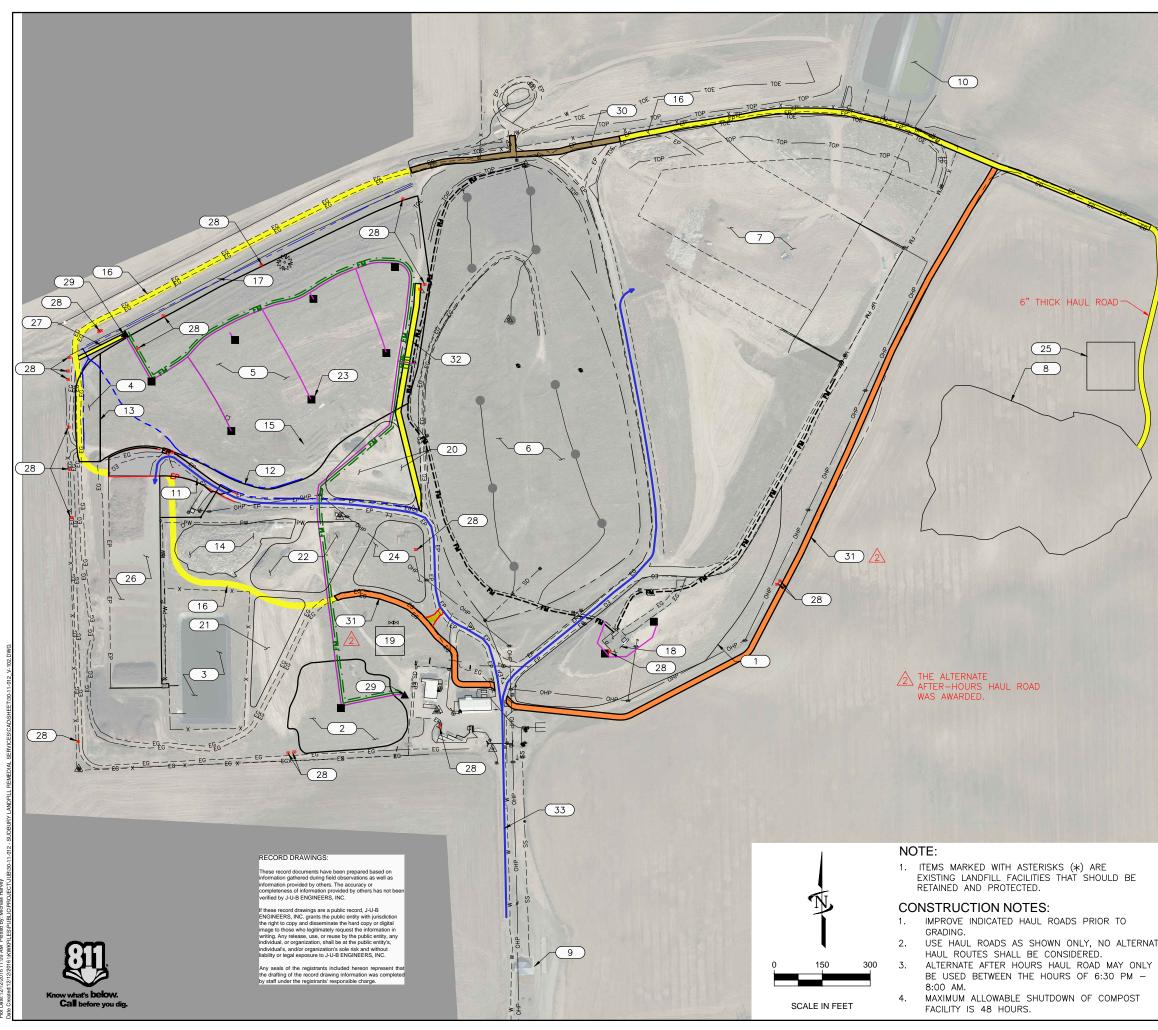
Plot

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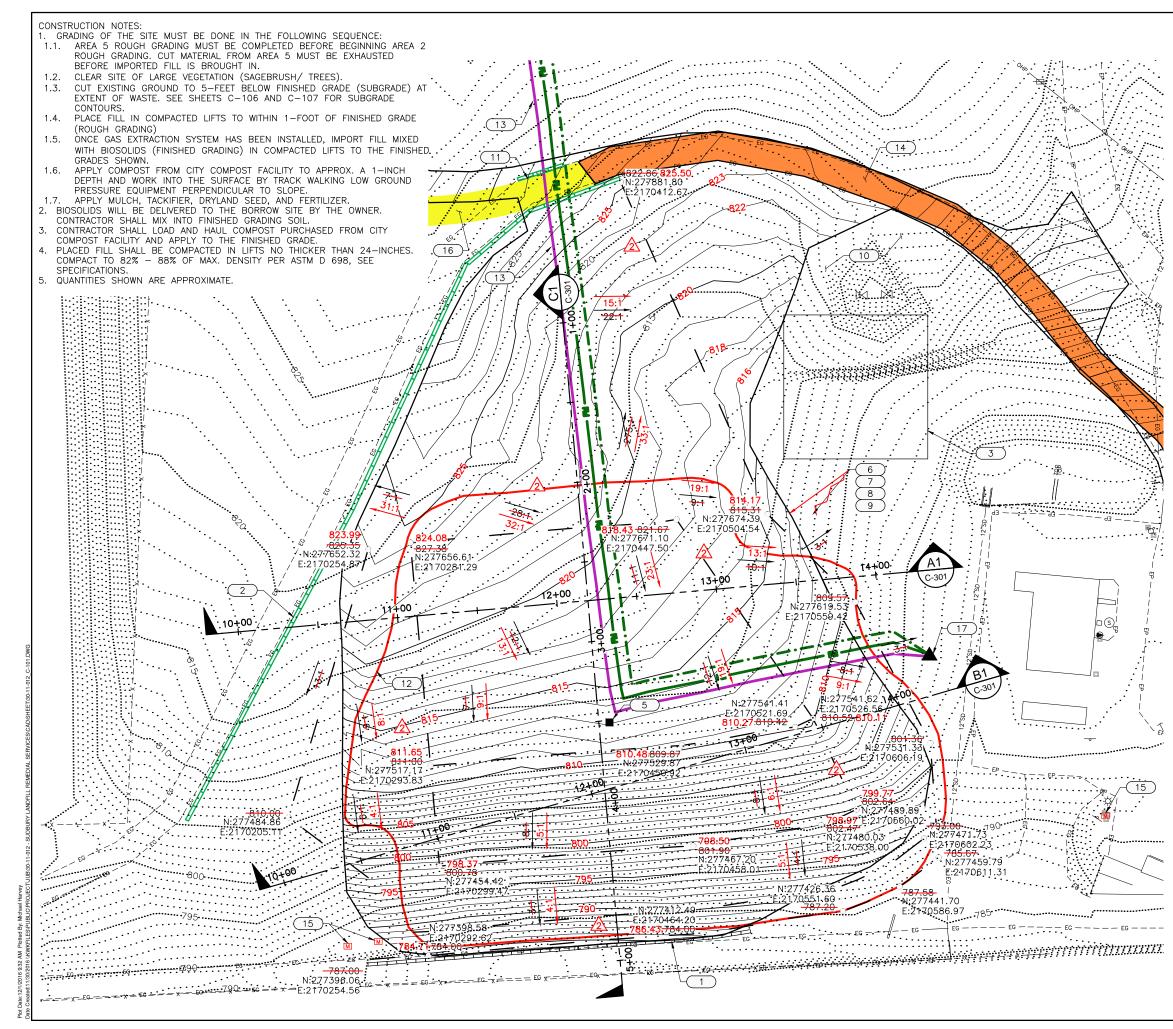
SHEET NUMBER: G-003



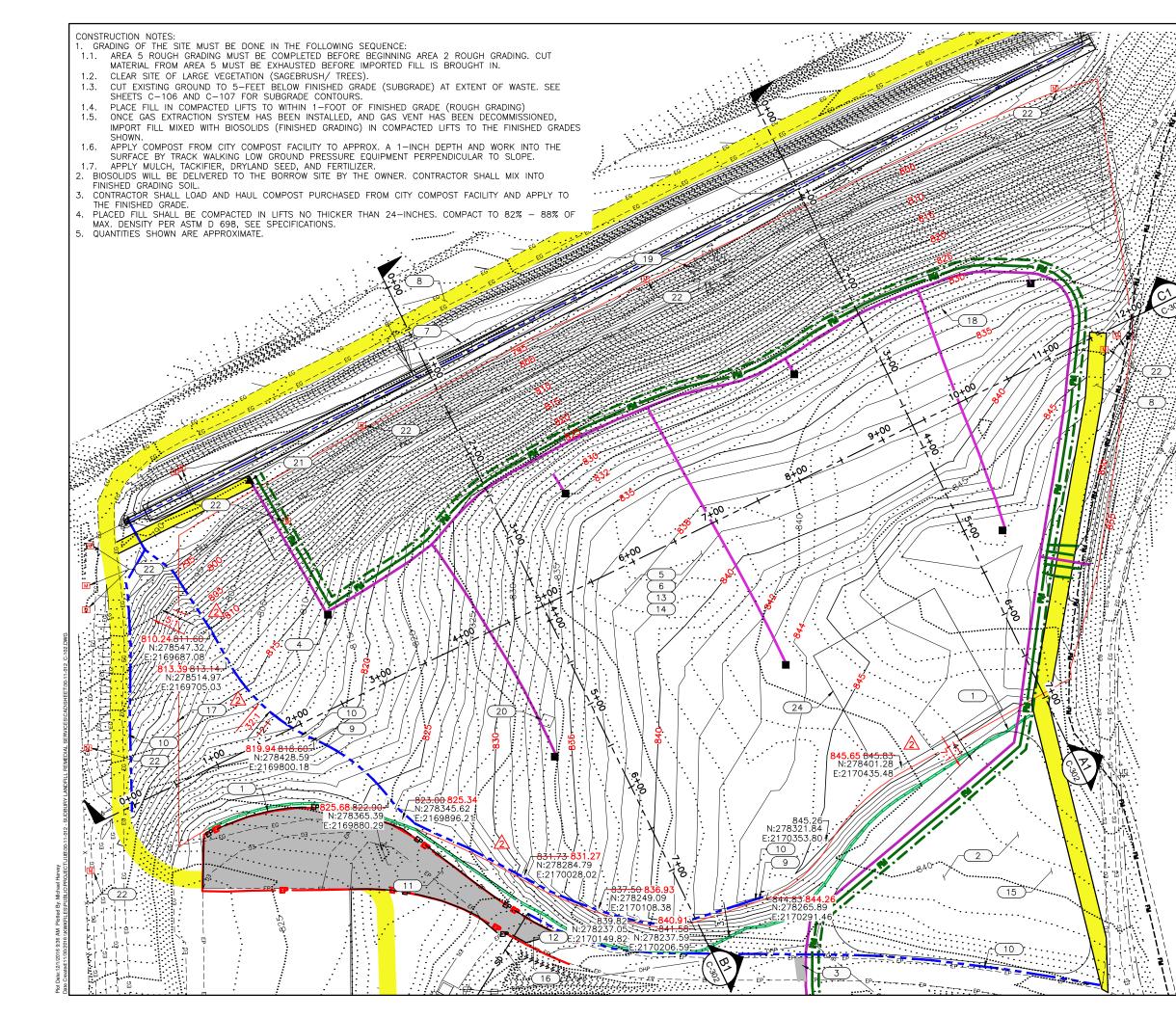
RTH	EAST	ELEVATION	DESCRIPTION
54.67	2169586.91	832.76	BC SW CORNER
11.58	2170403.39	834.68	BC BY WELL BM
15.98	2170811.29	826.50	NGS CONTROL POINT
16.32	2170881.37	797.31	PK NAIL AND WASHER
34.04	2170705.95	795.76	PK NAIL AND WASHER
38.62	2170712.10	795.75	PK-W/ WASHER UNREADABLE
97.87	2170811.79	811.99	PK NAIL AND WASHER
64.74	2170632.74	835.54	PK NAIL AND WASHER



			(JUB)
			J-U-B ENGINEERS, INC.
	KEYE * 1 2 * 3	D NOTES AREA 1 AREA 2 (SEE SHEET C-101) COMPOST LAGOON	J-U-B ENGINEERS, INC 2810 W. Clearwater Ave. Suite 201 Kennewick, WA 99336 Phone: 509,785.2144 Fax: 509,785.0790 www.jub.com
	4	AREA 4	810-Е Кел Кел
	5	AREA 5 (SEE SHEET C-102)	- <u></u>
	* 6 * 7 8 * 9	AREA 6 AREA 7 BORROW AREA (FUTURE AREA 8) (SEE SHEET C-103) SCALE HOUSE (ENTRANCE/EXIT)	ORIGINAL SIGNED BY BENJAMIN BUREN HAWS 01/29/2016
<u>//</u>	*(10)	LEACHATE EVAPORATION POND	01/29/2010
/	$ \begin{array}{c} (11)\\ (12)\\ (13)\\ (14) \end{array} $	COMPOST ACCESS ROAD MODIFICATION (SEE SHEET C-202) AREA 5 BOUNDARY AREA 4 BOUNDARY CRUSH EXISTING CONCRETE PILE	ORATED USED, IN USED, IN HE EXPRESS BBH120116 BBH120116
	* (15)	APPROXIMATELY 13,600 CY (16,400 TONS). AFTER CRUSHING, GRADE SITE TO DRAIN TOWARDS COMPOST PAD AND SEED, FERTILIZER AND MULCH. EXIST. CONCRETE BARRIERS (SIMILAR TO JERSEY BARRIERS) TO BE REMOVED TO OTHER AREAS SHOWN ON SHEETS C-101 AND C-102. APPROX. 1600 LF. (IN 10-FT±	A Construction of the second o
	(16) (17)	SECTIONS). HAUL ROAD (6" THICK) PER DETAIL B1 ON C-501. APPROX 4,180 LF± (1,393 CY±) NORTH DITCH (SEE SHEET C-201)	RE IS DOCUMENT, AND THET REIN, AS AN INSTRUMENT REIN, AS AN INSTRUMENT OLIE OR PART, FOR ANOIN UNITEN AUTHORIZATION C UTTEN AUTHORIZATION C UTTEN AUTHORIZATION C HECORD DRAWING DESCRIP
	(18)	EXISTING BLOWER/FLARE FACILITY, SEE SHEET	HEF PRCF WRH WRH NO.
	19	D-503. TEMPORARY STOCKPILE AREA FOR AREA 2 EARTHWORK.	Z
	20	TEMPORARY STOCKPILE AREA FOR AREA 5 EARTHWORK. RESTORE THIS AREA WITH 4-INCH DEPTH OF CRUSHED CONCRETE. TOPSOIL AND HYDROSEED	ACTIC
	21	STOCKPILE LOCATION FOR CRUSHED CONCRETE RUBBLE.	AL /
	22	CONCRETE CRUSHING STAGING AREA	
	23	NEW GAS WELLS, TYP. OF 10 WITH BOLLARDS. SEE SHEET D-101.	
	24 25 26	CONTRACTOR STAGING AREA. TEMPORARY STOCKPILE AREA FOR BORROW AREA. GRUB MATERIAL. COMPOST FACILITY. SEE CONSTRUCTION NOTE 4.	Y OF WALLA WA D LANDFILL REI OVERALL SITE MAP
	27	SUMP ACCESS ROAD (12-FT WIDE x 6" THICK) PER DETAIL B1 ON C-501. APPROX. 165 LF±. (37 CY±)	Y OF D LAI
	* 28	MAINTAIN AND PROTECT EXIST. MONITORING WELLS. FINE WILL BE GIVEN IF DAMAGED. SEE SPECIFICATIONS	CII ROA
	29	NEW CONDENSATE SUMPS. SEE SHEET D-101. PLACE 10'x10'x4" DEEP PAD OF CRUSHED CONCRETE, WITH BOLLARDS.	BURY
	(30)	THICKENED HAUL ROAD (12" THICK) PER DETAIL B1 ON C-501. APPROX. 710 LF± (473 CY±).	SUD
	31	ALTERNATE AFTER-HOURS HAUL ROAD (6" THICK) PER DETAIL B1 ON C-501. APPROX. 3,190 LF± (1,063 CY±). ALTERNATE HAUL ROAD USE IS NOT REQUIRED AND ROAD IMPROVEMENTS ARE NOT NECESSARY IF NOT USED. SEE CONSTRUCTION NOTE 3.	FILE : 30-11-012_V-102 JUB PROJ.#:30-11-012 DRAWN BY: MCH DESIGN BY: BBH CHECKED BY: BBH
. –	(32)	AREA 5 ACCESS ROAD (6" THICK) PER DETAIL B1 ON C-501. APPROX. 720 LF± (240 CY±).	AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY
	33	PUBLIC ACCESS ROUTE – PROVIDE TRAFFIC CONTROL NECESSARY TO CLOSE ROUTE	LAST UPDATED: 12/12/2016 SHEET NUMBER:
		DURING HAUL TO AREA 2, AND WORK ON COMPOST ROAD. SEE SPECIFICATION SECTION 01101.	V-102



	(JUB)
KEYED NOTES	J-U-B ENGINEERS, INC.
1       ECOLOGY BLOCK WALL 240± LF. SEE DETAIL C3 ON SHEET C-502.         2       FORM CONCRETE BARRIER WALL FROM EXISTING CONCRETE BARRIERS SHOWN ON SHEET V-102. 520± LF         3       TEMPORARY STOCKPILE LOCATION FOR AREA 2.         4       NOT USED         5       LANDFILL GAS WELL, SEE SHEET D-101. PLACE 10'x10'x4" DEEP PAD OF CRUSHED CONCRETE. PLACE BOLLARDS AROUND WELL PER DETAIL A1	J-U-B ENGINEERS, INC 2810 W. Clearwater Ave. Suite 201 Kennewick, WA 99336 Phone: 509.738.2144 Fax: 509.736.0790 www.jub.com
<ul> <li>ON C-501, TYP. OF 1, THIS SHEET.</li> <li>CUT/FILL TO SUBGRADE LEVEL (SEE SHEET C-106) THEN CUT/FILL TO ROUGH GRADING LEVEL. EXCESS CUT FROM AREA 5 MAY BE PLACED ON AREA 2 AS NEEDED FOR AREA 2.</li> <li>IMPORT FINISHED GRADING APPROX. 9,371 CY± (THIS DOES NOT INCLUDE COMPOST OR BIOSOLIDS) SEE CONSTRUCTION NOTES.</li> <li>APPLY 1-INCH THICK COMPOST OVER AREA 2 FILL. 370± CY</li> </ul>	ORIGINAL SIGNED BY BENJAMIN BUREN HAWS 01/29/2016
<ul> <li>9 APPLY MULCH, TACKIFIER AND DRYLAND SEED TO AREA 2, 3± ACRES</li> <li>10 APPLY MULCH, TACKIFIER, DRY LAND SEED AND FERTILIZER TO DISTURBED AREA OUTSIDE OF AREA 2, 1± ACRE (IN VICINITY OF AREA 2)</li> <li>11 IMPROVE HAUL ROAD, SEE SHEET V-102 AND DETAIL B1 ON C-501.</li> <li>12 APPROXIMATE EXTENTS OF AREA 2 WASTE.</li> <li>13 GAS COLLECTION SYSTEM, SEE SHEET D-101.</li> <li>14 ALTERNATE AFTER-HOURS HAUL ROAD. SEE SHEET V-102.</li> <li>15 MAINTAIN AND PROTECT EXISTING MONITORING WELLS. FINE WILL BE GIVEN IF DAMAGED. SEE SPECIFICATIONS. TYP. OF 3, THIS SHEET.</li> <li>16 HAUL ROAD, SEE SHEET V-102.</li> <li>17 CONDENSATE SUMP AND PUMP, SEE SHEET D-101. PLACE 10'X10'X4" DEEP PAD OF CRUSHED CONCRETE. PLACE BOLLARDS AROUND</li> </ul>	THE DOCUMENT AND THE DECIMINES INCORPORATED THE DOCUMENT AND THE ELSE OF DAMINES INCORPORATED THE DOCUMENT OF THE ELSE OF DAMINES INCORPORATED IN THE EXPRESSION AS STRUCTORE USED IN WHOLE OR PART FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WARTER AND THE PROJECT IN THE EXPRESS INCOMPARIANCE AND THE PROJECT IN THE EXPRESS INCOMPARIANCE AND THE PROJECT INTO THE PROJECT INTO THE EXPRESS INCOMPARIANCE AND THE PROJECT INTO THE PROJECT INTO THE EXPRESS INCOMPARIANCE AND THE PROJECT INTO THE PROJECT INTO THE EXPRESS INCOMPARIANCE AND THE PROJECT INTO THE PROJECT
<text><text><text><text><text></text></text></text></text></text>	CITY OF WALLA WALLA SUDBURY ROAD LANDFILL REMEDIAL ACTION GRADING & DRAINAGE PLAN - AREA 2
Know what's below. Call before you dig.	FILE : 30-11-012, C-101 JUB PROJ. # : 30-11-012 DRAWN BY: MCH DESIGN BY: BBH CHECKED BY: BBH → ONE INCH → AT FULL SIZE, IF NOT ONE NCH. SCALE ACCORDINGLY LAST UPDATED: 11:30/2016
CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES	SHEET NUMBER: C-101



	KEYE	(JUB)		
		FORM CONCRETE BARRIER WALL FROM EXISTING CONCRETE BARRIERS SHOWN ON	J-U-B ENGINEERS, INC.	
//	(2)	SHEET V–102. 1,080± LF STOCKPILE LOCATION FOR AREA 5	, INC Ave. 3336	
	(2)	ROAD CROSSING. PATCH, SEE SHEET	RS, ter / 995 790	
		DETAIL C2 ON C–501. LANDFILL GAS WELL, SEE SHEET D–101.	EEF Irwa 201 201 WA WA 36.01 36.01	
	(4)	PLACE 10'x10'x4" DEEP PAD OF CRUSHED CONCRETE. PLACE BOLLARDS AROUND WELL PER DETAIL A1 ON C-501. TYP. OF 7, THIS SHEET.	J-U-B ENGINEERS, 2810 W. Clearwater / Suite 201 Kennewick, WA 995 Phone: 509.738.2144 Phone: 509.736.0790 Fax: 509.736.0790 www.jub.com	
	5	CUT/FILL TO SUBGRADE LEVEL (SEE SHEET C–107) THEN CUT/FILL TO ROUGH GRADING LEVEL.	J-U-F 2810 Ker	
	6	IMPORT FINISHED GRADING APPROX. 21,860 CY± (DOES NOT INCLUDE COMPOST OR BIOSOLIDS) SEE CONSTRUCTION NOTES	ORIGINAL SIGNED BY	
	7	NORTH DITCH IMPROVEMENTS, SEE SHEET C-201 HAUL ROAD, SEE SHEET V-102	BENJAMIN BUREN HAWS	
		RUNOFF CONTROL BERM 416± LF. SEE	04/27/2016	
	(10)	DETAIL A2 ON SHEET C $-501$ EROSION CONTROL DITCH 1,200± LF,		
		SEE DETAIL B1 ON SHEET C-502 COMPOST ACCESS ROAD. SEE SHEET	ED IN PRESS 12/01/16	ATE ATE
		C-202 CONCRETE RUBBLE PILE. SEE SHEET	ATED S THE ED, IN ED, IN EZPRE:	Ω Έ
	(12)	V-102	CORPORATE ERVICE, IS TI 0 BE USED, 0.1 THE EX 0.1 THE EX 0.1 THE EX	BY AF
2	(13)	APPLY 1-INCH THICK COMPOST OVER AREA 5. 2,070± CY	INGS SIGNS INCOR SIGNS INCOR ICONAL SERVITO BE IS NOT TO BE CT WITHOUT REERS, Inc.	-
1	14	APPLY MULCH, TACKIFIER AND DRYLAND SEED TO AREA 5, 16± ACRES	RAWIN D DESIG CAND IS CAND IS COLE CT CON	
	15	APPLY MULCH, TACKIFIER, DRY LAND SEED AND FERTILIZER TO DISTURBED AREAS OUTSIDE OF AREA 5, $5\pm$ ACRES (IN VICINITY OF AREA 5)	HIS DOCUMENT, AND INELES OF DRAWINGS HIS DOCUMENT, AND INEL DELS AND DEGRAMO SIGNA SERVICE. IS HE REFIN AS AN UNSTRUMENT OF PROFESSIONAL SERVICE. IS HE APPOETT OF AUX STRUMENT OF PROFESSIONAL SERVICE. IS HE WITTEN AUTHORIZATION OF JULE BROWNEERS, INC. REVISION REVISION REVISION REVISION REVISION RECORD DRAWING MICHIGEN IN AUX OF DRAWING RECORD DRAWING RECORD DRAWING	ESCRIPTION
	(16)	STORM DRAIN CULVERT, SEE C-202.	HHS DOCUMENT, AND THE HEREIN, AS AN INSTRUMEN ERCERT, OF JUJE BROAN WINTTEN A UTHORIZATION WINTTEN A UTHORIZATION BROANING	
	17	APPROXIMATE EXTENTS OF AREA 5 WASTE	DOCUME N, AS A E RTY OI E OR PJ EN AUT EN AUT	
	18	GAS COLLECTION SYSTEM, SEE SHEET D-101	PROPID WHOL WRITI	NO.
	19	REMOVE AND DISPOSE OF EXIST. TREE		1
	20	VENT FOR DECOMMISSIONING, SEE D-101	z	
	21	CONDENSATE SUMP AND PUMP, SEE SHEET D-101. PLACE 10'x10'x4" DEEP PAD OF CRUSHED CONCRETE. PLACE BOLLARDS AROUND SUMP PER DETAIL A1	ACTIO	
	22	ON C-501. MAINTAIN AND PROTECT EXISTING MONITORING WELLS. FINE WILL BE GIVEN IF DAMAGED. SEE SPECIFICATIONS. TYP. OF 13, THIS SHEET	LLA IEDIAL 0 - AREA	
	23	NOT USED		
	24	PROPOSED 2,500 S.Y. TEST SECTION TO VERIFY MEANS AND METHODS TO MEET DENSITIES AND MOISTURE TOLERENCES OF SOIL COVER, SEE TECHNICAL SPECIFICATION 02211	CITY OF WALLA WALLA IRY ROAD LANDFILL REMEDIAL REVISED FINISHED GRADE TOPO - AREA	
		RECORD DRAWINGS:	SHE LA	
		These record documents have been prepared based on information gathered during field observations as well as information provided by others. The accuracy or completeness of information provided by others has not been verified by J-U-B ENGRETRS, INC.	CITY OAD	
		If these record drawings are a public record, J-U-B ENGINEERS, INC. grants the public entity with jurisdiction the right to copy and disseminate the hard copy or digital	× Η VISI	
	•	The right to copy and disseminate the hard copy or digital image to those who legitimately request the information in writing. Any release, use, or reuse by the public entity, any individuals, and/or organization's sole risk and without liability or legal exposure to J-U-B ENGINEERS, INC.	C SUDBURY RO REVISED	
	_	Any seals of the registrants included hereon represent that the drafting of the record drawing information was completed by staff under the registrants' responsible charge.	SUI	
	0		FILE: 30-11-012_C-102 JUB PROJ. #: 30-11-012	-
	SCAL		DRAWN BY: MAM DESIGN BY: BBH	-
		Know what's <b>below</b> .		-
			AT FULL SIZE, IF NOT ONE INCH, SCALE ACCORDINGLY LAST UPDATED: 11/30/2016	
		CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE	SHEET NUMBER:	
		MARKING OF UNDERGROUND MEMBER UTILITIES	C-102	



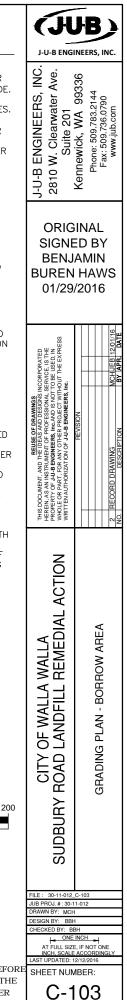
# **KEYED NOTES**

RETED NOTES					
(1)	IMPROVE HAUL ROAD, SEE SHEET V-102				
2	LIMITS OF BORROW AREA. FOLLOW CONTOUR 827' ON SOUTH, WEST AND NORTHWEST SIDE. SURVEY BEFORE AND AFTER GRADING FOR DETERMINATION OF IMPORTED FILL QUANTITIES. SEE SPECIFICATIONS.				
3	TEMPORARY HAUL ROUTE AS REQUIRED FOR BORROW HAUL. GRADE AS NEEDED FOR EQUIPMENT ACCESS. APPLY SEED, FERTILIZER AND MULCH TO RESTORE GROUND WHEN PROJECT IS COMPLETED. ALIGNMENT FOR HAUL ROUTE IS SHOWN SCHEMATICALLY.				
4	STOCKPILE LOCATION FOR BORROW AREA GRUBBED MATERIAL.				
5	CLEAR AREA WHERE BORROW AREA IS CUT. APPROX. 261,081± SF.				
6	GRUB TOP 4-INCHES AND STOCKPILE. SEE DESIGNATED STOCKPILE LOCATION. ONCE GRADING IS COMPLETED, SPREAD GRUB MATERIAL EVENLY OVER DISTURBED BORROW AREA.				
7	APPLY MULCH, TACKIFIER, DRY LAND SEED AND FERTILIZER TO DISTURBED AREAS.				
8	FINAL FOOT OF SOIL COVER OVER AREA 2 AND AREA 5 SHALL BE IMPORTED FROM BORROW AREA. INCORPORATE CITY PROVIDED BIOSOLIDS INTO THE MIX, SEE CONSTRUCTION NOTES.				
9	RETAIN AND PROTECT EXISTING FENCE AND GATE.				
10	REMOVE EXISTING GATE DURING HAUL. REINSTALL EXISTING GATE AFTER HAUL.				

# CONSTRUCTION NOTES:

1. GRADE BORROW AREA IN SYSTEMATIC MANNER BASED UPON THE CONTOURS SHOWN.

- REMOVE SOIL ONLY AS REQUIRED FOR FILL AT OTHER LOCATIONS ON THE PROJECT. IT MAY NOT BE NECESSARY TO REMOVE ALL THE SOIL REQUIRED TO ACHIEVE THE FINAL CONTOURS SHOWN.
- 3. GRADE BORROW AREA TO ENSURE DRAINAGE FLOWS SOUTHWEST AT THE END OF THE PROJECT.
- SOUTHWEST AT THE END OF THE PROJECT.
   COORDINATE WITH OWNER FOR THE DELIVERY OF BIOSOLIDS TO THE BORROW AREA.
   CONTRACTOR SHALL MIX THE BIOSOLIDS EVENLY WITH SCRAPERS INTO THE SOIL IN ORDER TO ACHIEVE APPROXIMATELY 22 CY OF BIOSOLIDS PER ACRE OF FINAL SOIL COVER. THIS SUMS TO THE FOLLOWING BIOSOLID OLIVATITIES BIOSOLID QUANTITIES: AREA 2 = 61 CY. AREA 5 = 341 CY.

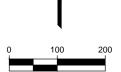


RECORD DRAWINGS:

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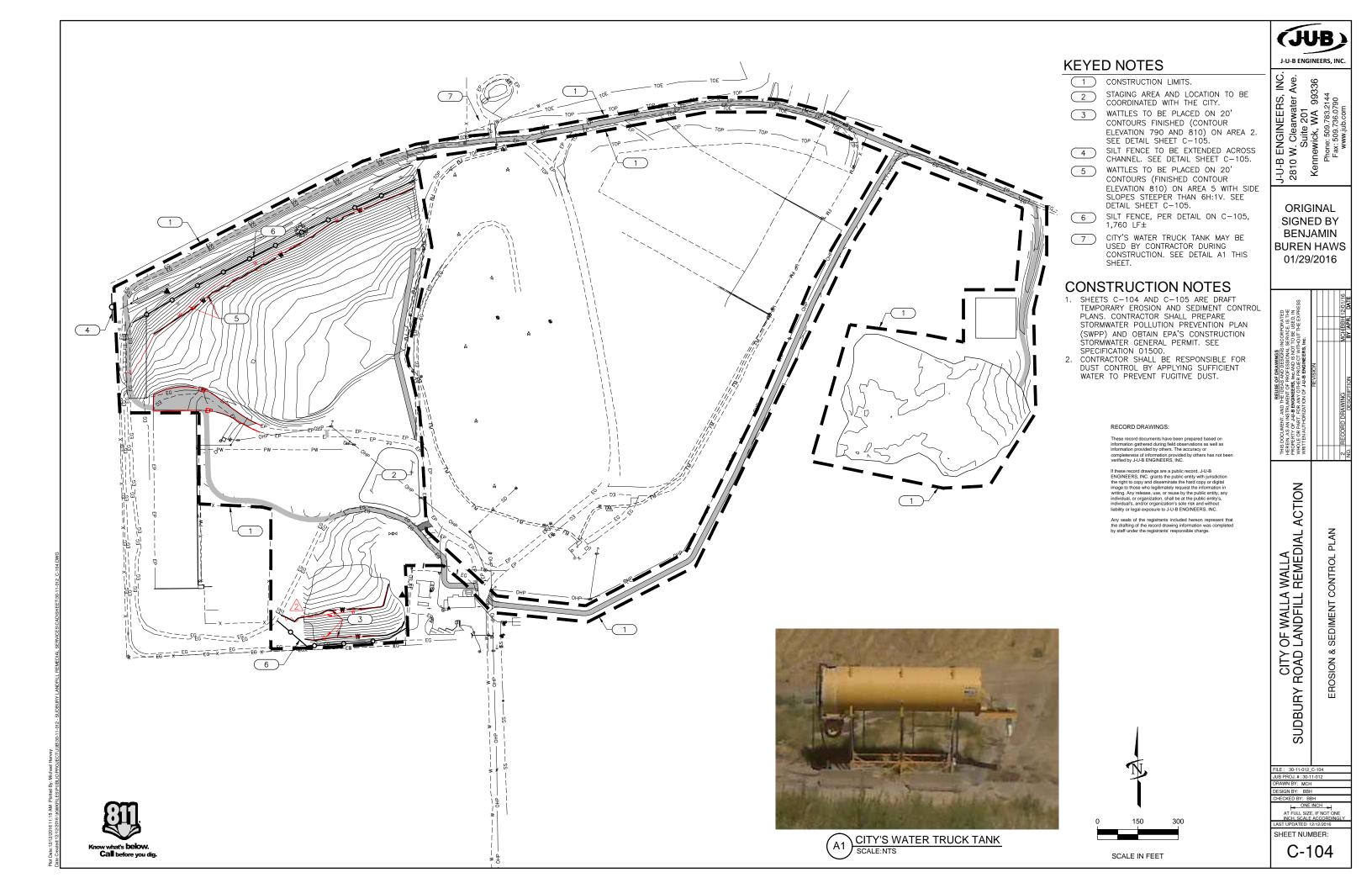
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SCALE IN FEET



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CALL 2 BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

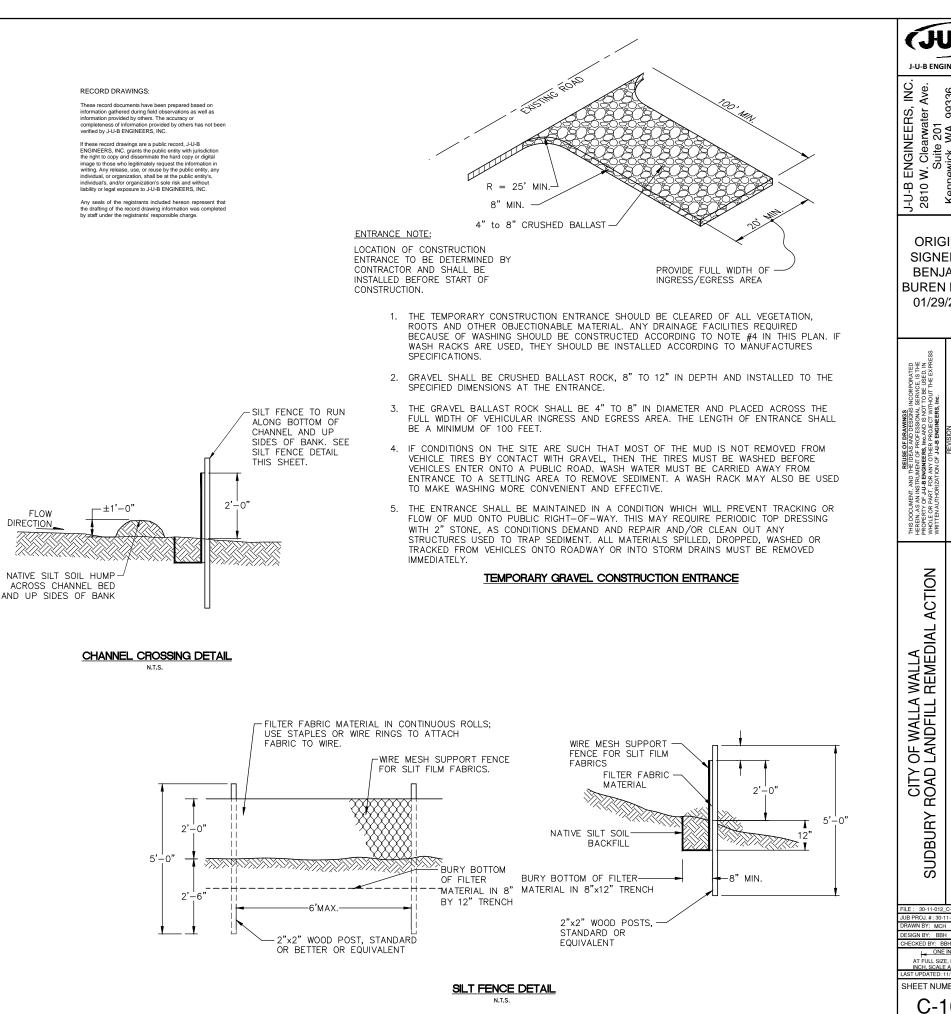


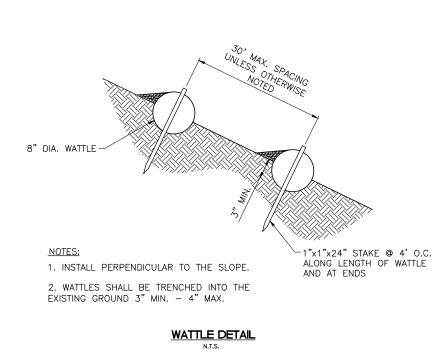
# **TESC NOTES**

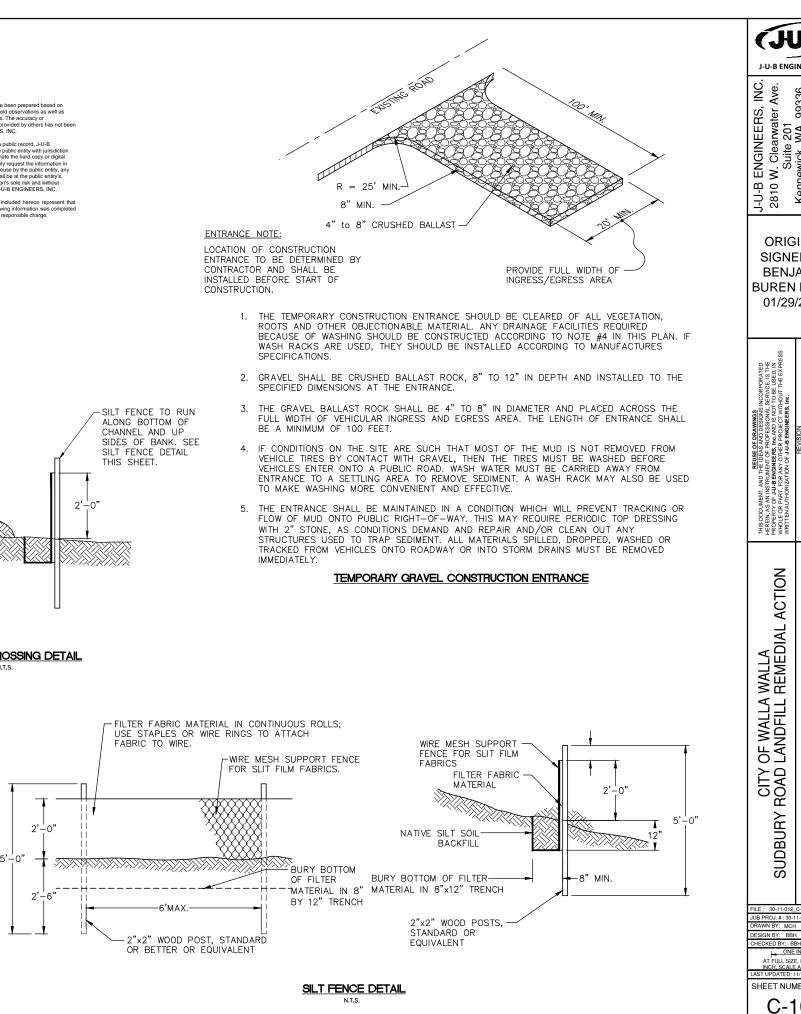
- 1. THE TEMPORARY EROSION CONTROL SILT FENCING AND CONSTRUCTION ENTRANCE SHALL BE INSTALLED PRIOR TO ALL OTHER CONSTRUCTION.
- 2. ALL CLEARING LIMITS AND/OR EASEMENTS SETBACKS, SENSITIVE/CRITICAL AREAS AND THEIR BUFFERS, SIGNIFICANT TREES AND DRAINAGE COURSES SHALL BE CLEARLY STAKED AND MARKED AS SHOWN ON PLANS.
- 3. PROPERTIES ADJACENT TO THE PROJECT SITE THAT ARE SUBJECT TO POTENTIAL EROSION CAUSED BY CONSTRUCTION ACTIVITIES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION THROUGH THE USE OF SILT FENCE, HAY BALES, OR OTHER BMP SELECTED BY THE CONTRACTOR
- 4. ALL STORM DRAIN INLETS MADE OPERABLE DURING CONSTRUCTION SHALL BE COVERED WITH FILTER FABRIC TO PREVENT SEDIMENT FROM ENTERING THE SYSTEM. THE FILTER FABRIC SHALL BE INSPECTED REGULARLY AND CLEANED WHEN NECESSARY.
- 5. WHEREVER CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED ROADS, A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED (SEE DETAIL SHEET) TO MINIMIZE THE TRANSPORT OF SEDIMENT (MUD) ONTO THE PAVED ROAD. IF SEDIMENT IS TRANSPORTED ONTO A ROAD SURFACE, THE ROADS SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. A MINIMUM OF ONE (1) ON-SITE STABILIZED CONSTRUCTION ENTRANCES SHALL BE INSTALLED.
- 6. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED. TRAPPED SEDIMENT SHALL BE REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM REMOVAL SHALL BE PERMANENTLY STABILIZED.
- 7. ALL POLLUTANTS OTHER THAN SEDIMENT THAT OCCUR ON-SITE DURING CONSTRUCTION SHALL BE HANDLED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF STORM WATER OR THE SITE.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL FACILITIES SHALL BE INSPECTED, MAINTAINED, AND REPAIRED BY THE CONTRACTOR AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED USE.
- THE CONTRACTOR IS RESPOSIBLE TO PROVIDE ADDITIONAL EROSION CONTROL MEASURES, INCLUDING BUT NOT LIMITED TO SILT FENCING, SEDIMENT PONDS/TRAPS, DIVERSIONS SWALES, CHECK DAMS, SEDIMENT BARRIES, FILTER FABRIC, MULCH, AND SEEDING, AS CONDITIONS REQUIRE. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER.
- 10. THE CONTRACTOR AND/OR OWNER SHALL BE RESPONSIBLE AT ALL TIMES FOR PREVENTING SILT-LADEN RUNOFF FROM DISCHARGING FROM THE PROJECT SITE.
- 11. AT NO TIME SHALL CONCRETE, CONCRETE BY-PRODUCTS, VEHICLE FLUIDS, PAINT CHEMICALS, OR OTHER POLLUTING MATTER BE PERMITTED TO DISCHARGE TO THE TEMPORARY OR PERMANENT DRAINAGE SYSTEM, OR TO DISCHARGE FROM THE PROJECT SITE
- 12. AT ALL TIMES OF THE YEAR, THE CONTRACTOR SHALL HAVE SUFFICIENT MATERIALS, EQUIPMENT AND LABOR ON-SITE TO STABILIZE AND PREVENT EROSION FROM ALL GRUBBED AREAS WITHIN 12-HOURS AS SITE AND WEATHER CONDITIONS DICTATE.
- 13. CONTRACTOR SHALL PROVIDE DUST CONTROL, AS NECESSARY, TO BE COMPLIANT WITH ALL LOCAL AND STATE CLEAN AIR/DUST CONTROL POLICIES. THE SPRAYING OF WATER ON DRY AREAS SHALL BE USED TO CONTROL DUST. CONTRACTOR SHALL SUPPLY ALL THE NECESSARY WATER FOR DUST CONTROL.
- 14. CONTRACTOR SHALL BE RESPONSIBLE TO RESTORE ALL ADJACENT PROPERTIES TO THEIR ORIGINAL CONDITION DUE TO ANY CONSTRUCTION RELATED ACTIVITIES AT NO ADDITIONAL COST TO THE OWNER.



These record documents have been prepared based ( nformation gathered during field observations as well as nformation provided by others. The accuracy or







(JUB)						
J-U-B ENGINEERS, INC. 2810 W. Clearwater Ave. Suite 201	Kennewick, WA 99336 Phone: 509.783.2144 Fax: 509.736.0790 www.jub.com					
ORIGINAL SIGNED BY BENJAMIN BUREN HAWS 01/29/2016						
REUSE OF DRAWINGS THIS DOCUMENT, AND THE DEVAS AND DSERIGNSI NORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF JUJE SINGMERES, ING, AND IS NOT TO BE USED, IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF JUJE BUDINERS, ING.	REVISION RECORD DRAWING RECORD DRAWING ROL BY APRI, 1201/16 NO. RECORD DRAWING ROL BY APRI, 1201/16 NO.					
CITY OF WALLA WALLA SUDBURY ROAD LANDFILL REMEDIAL ACTION	EROISION & SEDIMENT CONTROL PLAN					
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# KEVED NOTES

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2	SUBGRADE CONTOURS (5' BELOW FINISHED SURFACE).	ERS,		
3	HAUL ROAD, SEE SHEET V-102	ШZ		
4	CONCRETE BARRIER WALL, SEE SHEET C-101.	ENGINEE		
5	STOCKPILE LOCATION, SEE SHEET C-101.	I — -		
6	ECOLOGY BLOCK WALL, SEE SHEET C-101.	- П-В-		
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CONSTRUCTION NOTES:				

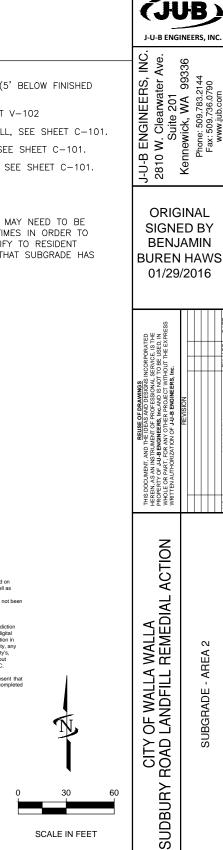
CONSTRUCTION SURVEYORS MAY NEED TO BE 1. CALLED ONSITE MULTIPLE TIMES IN ORDER TO STAKE SUBGRADE AND VERIFY TO RESIDENT PROJECT REPRESENTATIVE THAT SUBGRADE HAS BEEN MET.

RECORD DRAWINGS:

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Phone: Fax: 5

SUBGRADE - AREA 2

B PROJ. # : 30-11-WN BY: MC

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C-106

ST UPDATED: 11/16/201

Suite Kennewick, V

SCALE IN FEET



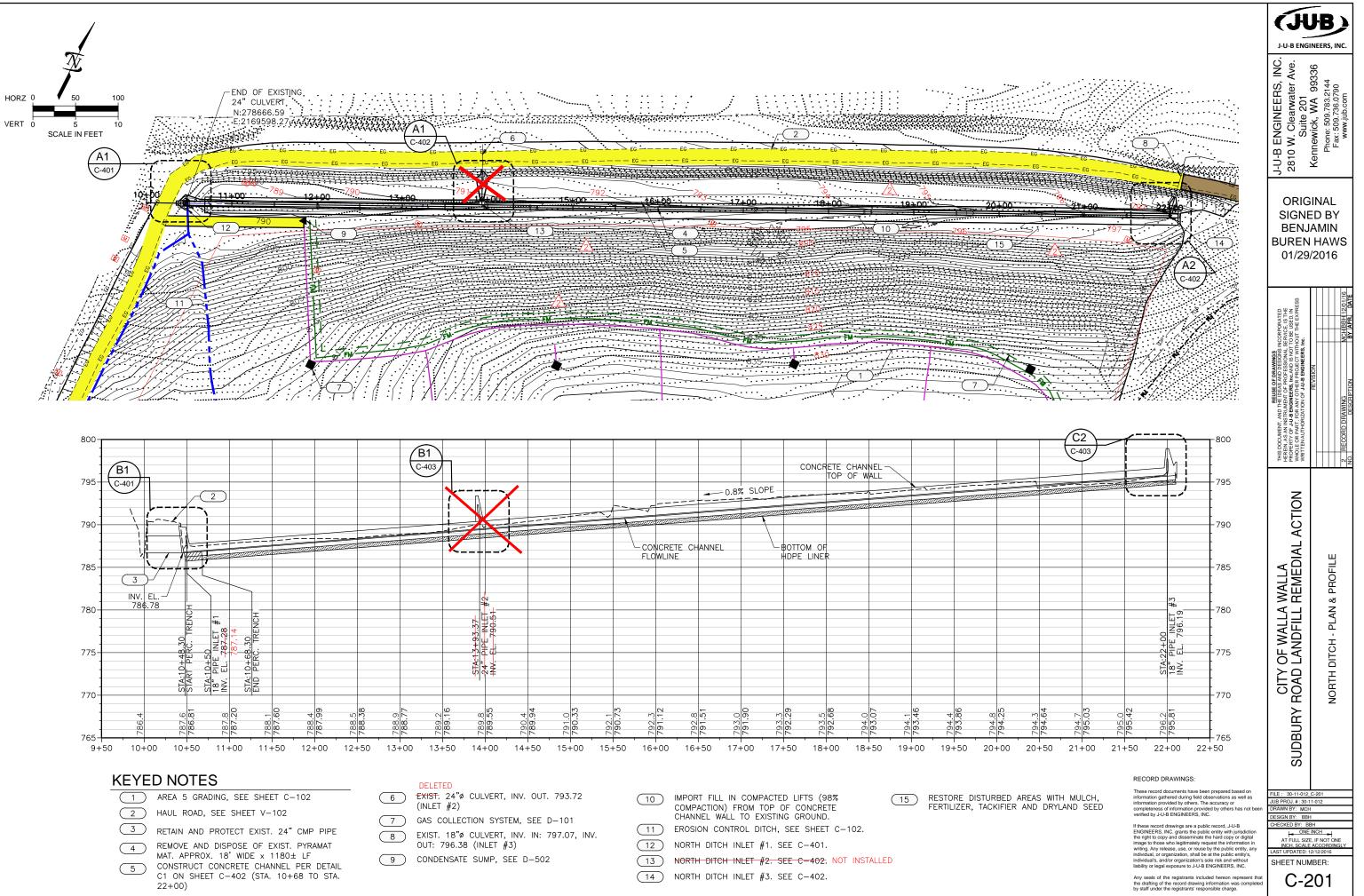
Know what's **below**. Call before you dig.

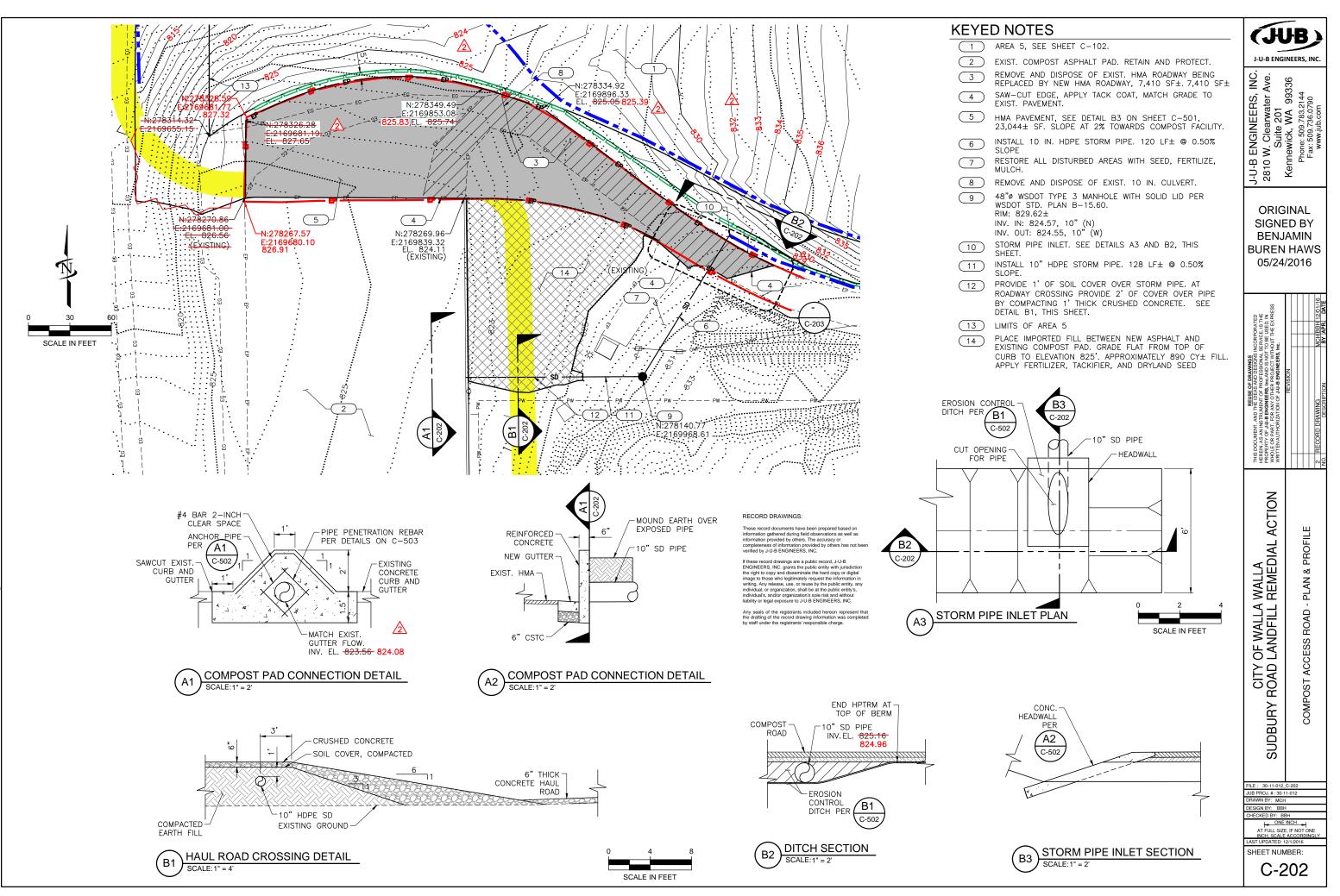
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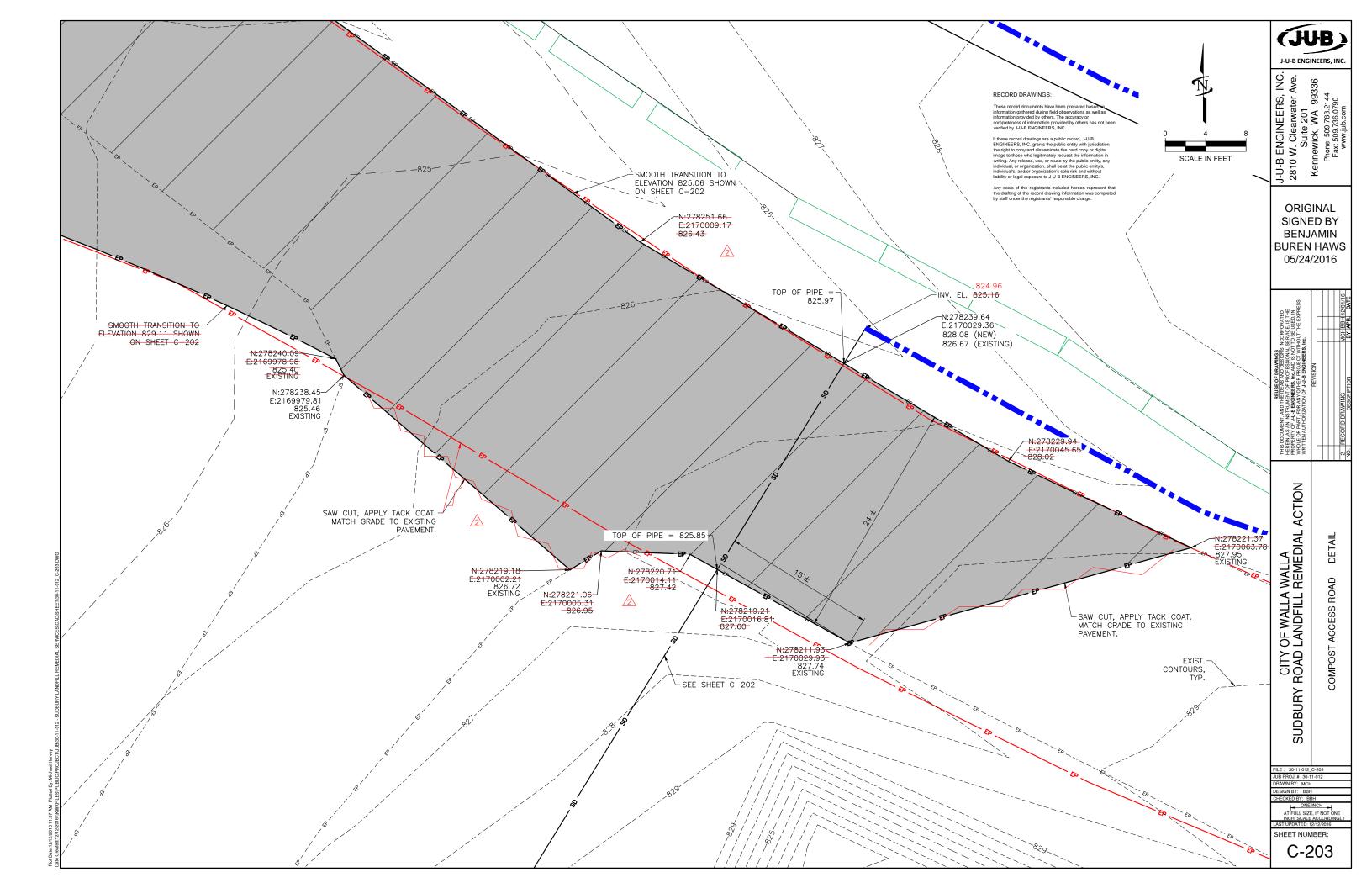
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KEYED NOTES	J-U-B ENGINEERS, INC.
1       EXISTING CONTOURS.         2       SUBGRADE CONTOUR (5' BELOW FINISHED SURFACE).         3       HAUL ROAD, SEE SHEET V-102.         4       STOCKPILE LOCATION, SEE SHEET C-101.         5       DECOMMISSION WELL, SEE SHEET D-101.         6       COMPOST ACCESS ROAD, SEE SHEET C-202.	J-U-B ENGINEERS, INC. 2810 W. Clearwater Ave. Suite 201 Kennewick, WA 99336 Phone: 509.738.2144 Fax: 509.736.0790 www.jub.com
<ul> <li>7 SUMP ACCESS ROAD. SEE SHEET V-102.</li> <li>8 AREA 5 ACCESS ROAD, SEE SHEET V-102.</li> <li>CONSTRUCTION NOTES:         <ol> <li>CONSTRUCTION SURVEYORS MAY NEED TO BE CALLED ONSITE MULTIPLE TIMES IN ORDER TO STAKE SUBGRADE AND VERIFY TO RESIDENT PROJECT REPRESENTATIVE THAT SUBGRADE HAS BEEN MET.</li> </ol> </li> </ul>	ORIGINAL SIGNED BY BENJAMIN BUREN HAWS 01/29/2016
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	THIS DOCUMENT, AND THE TIPES AND DEFENDANTED THIS DOCUMENT, AND THE TIPES AND DEFENDANTERVICE. IS THE PROPERTY OF JUL BENOMERES, Inc. AND IS NOT TO BE USED. IN WHOLE OR PART, FOR ANY OTHER PROJECT WITHOUT THE EXPR WRITTENA ATHORIZATION OF JUL BENOMERS, Inc. PEVISION REVISION REVISION BY APPR, INC. DESCRIPTION BY APPR, INC.
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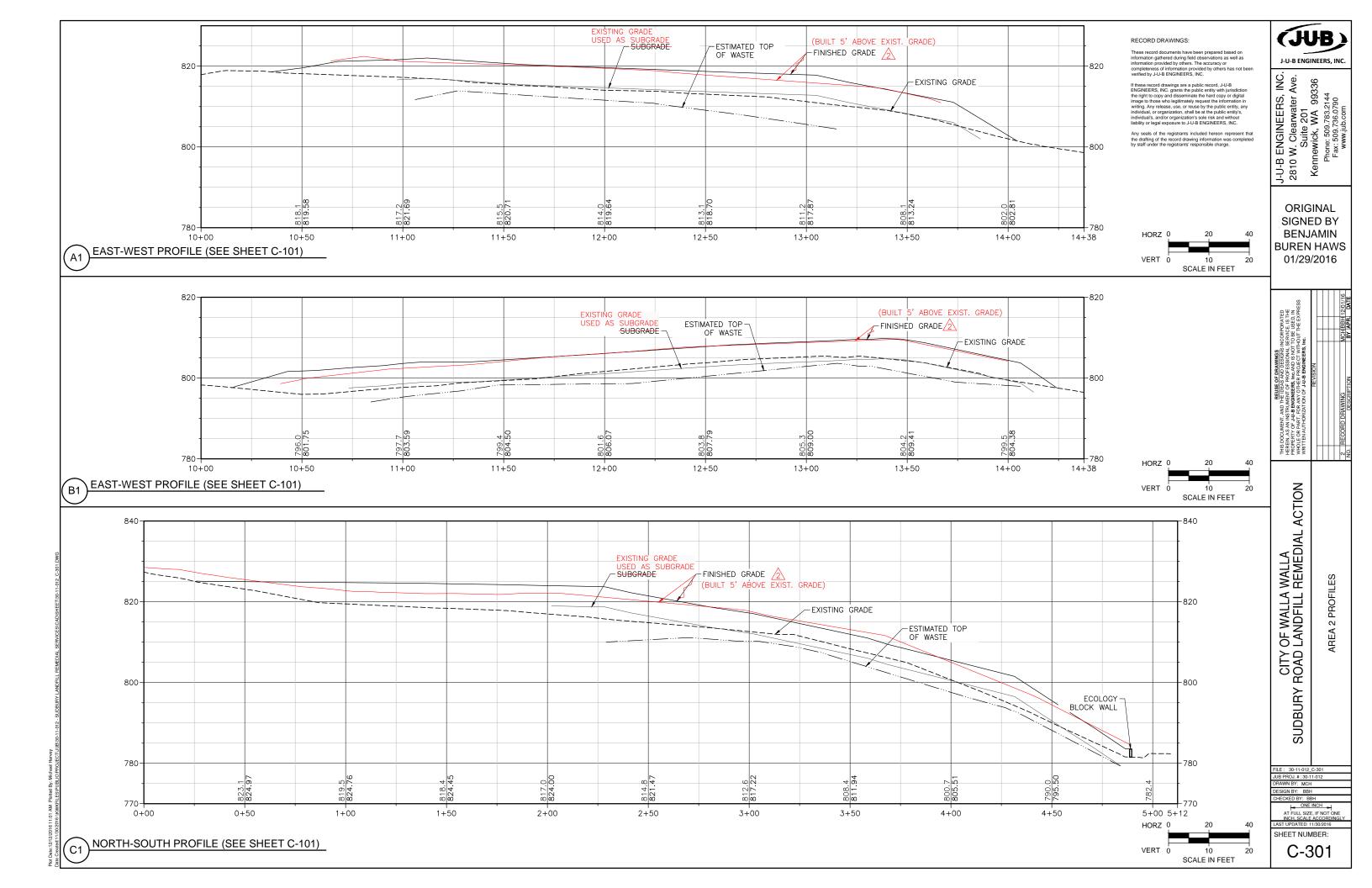
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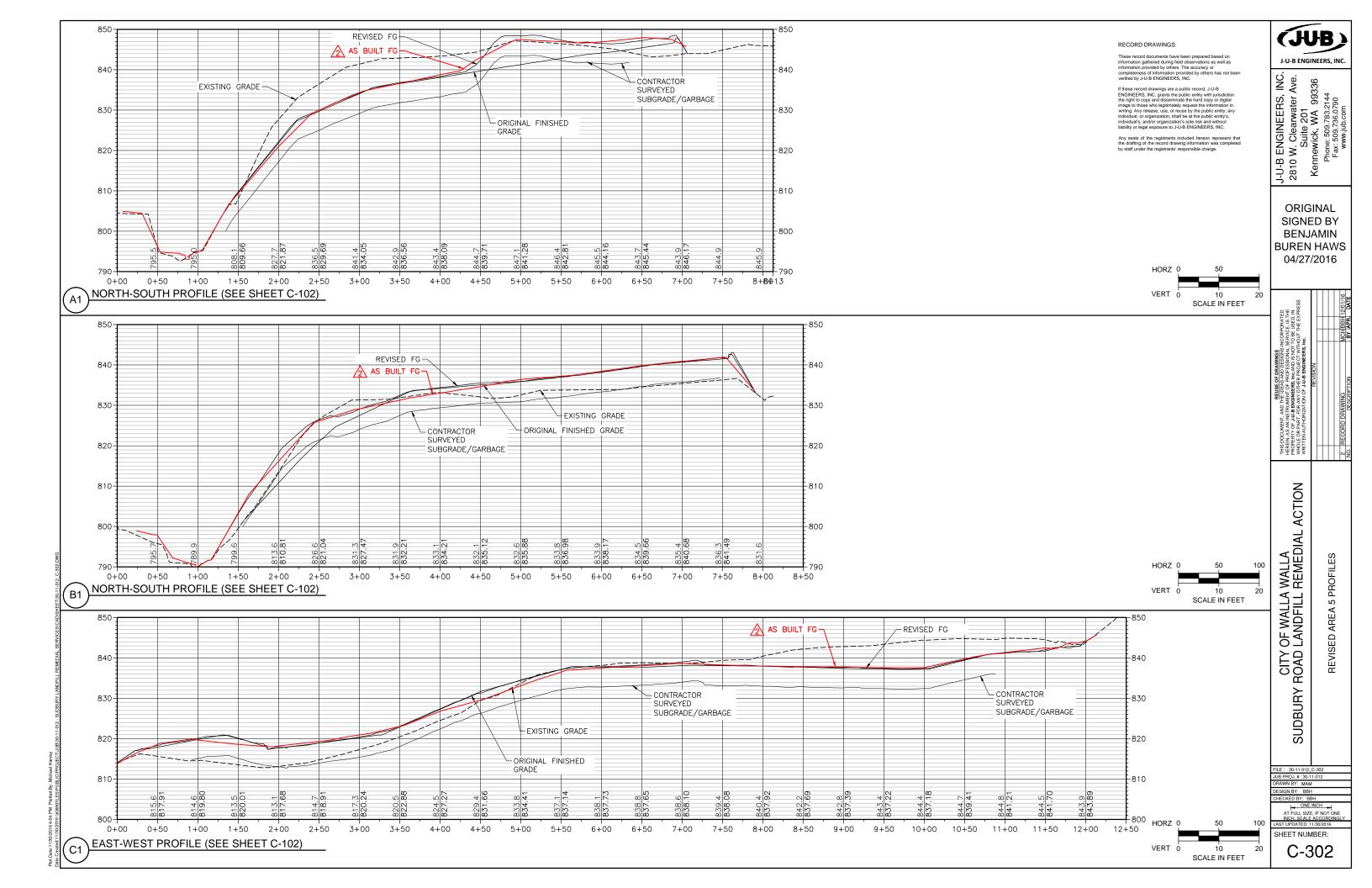


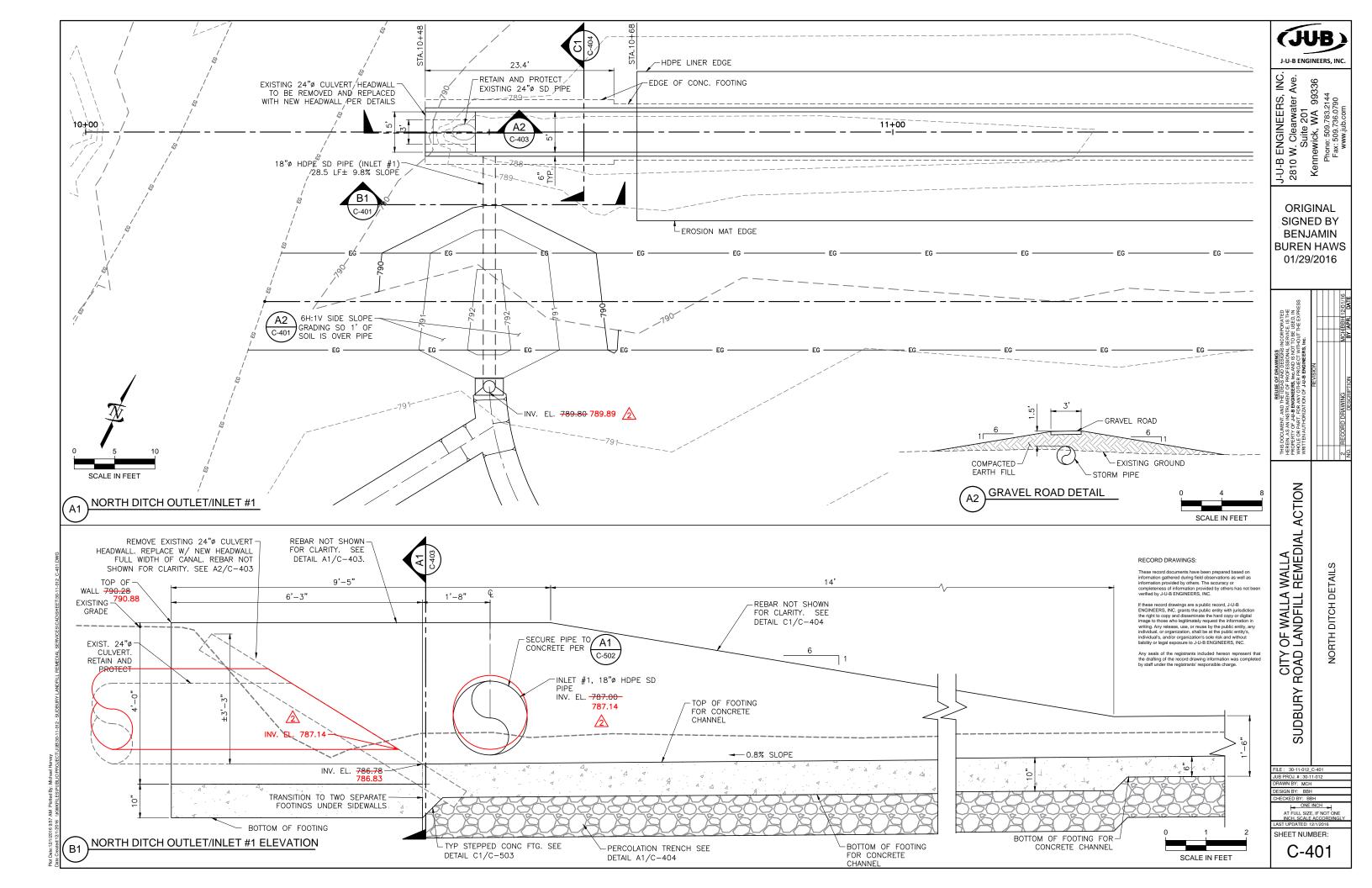


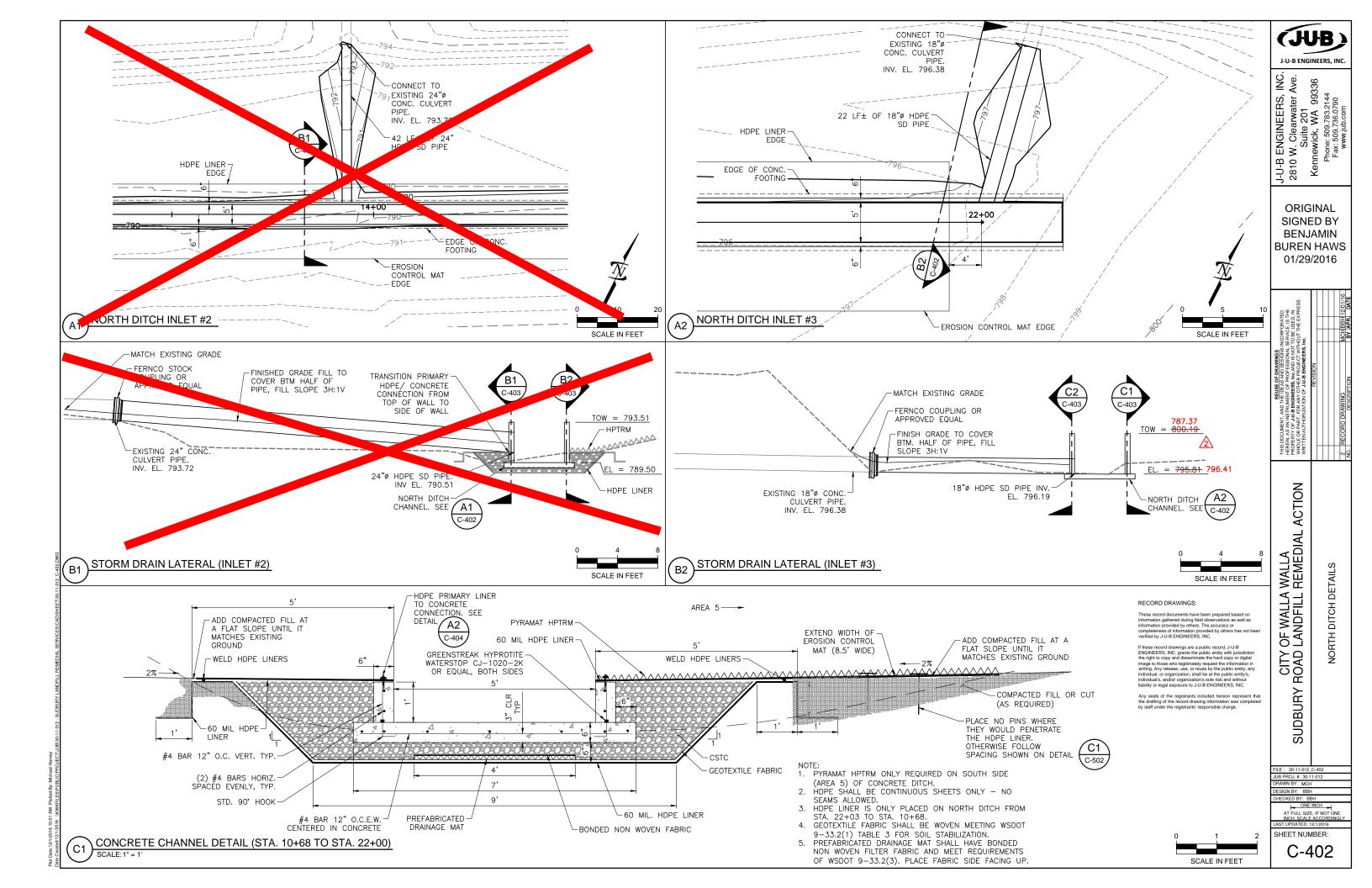
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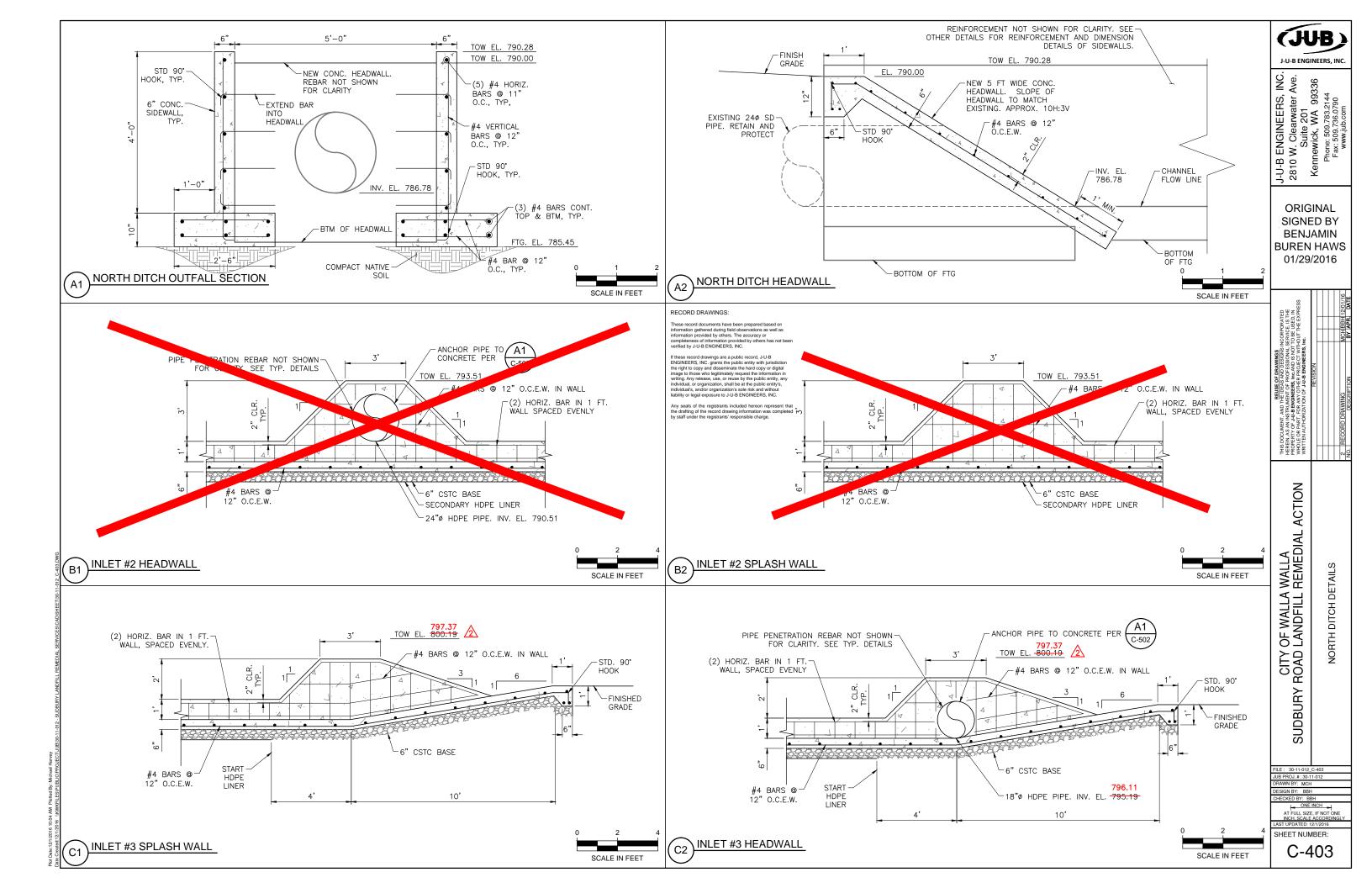


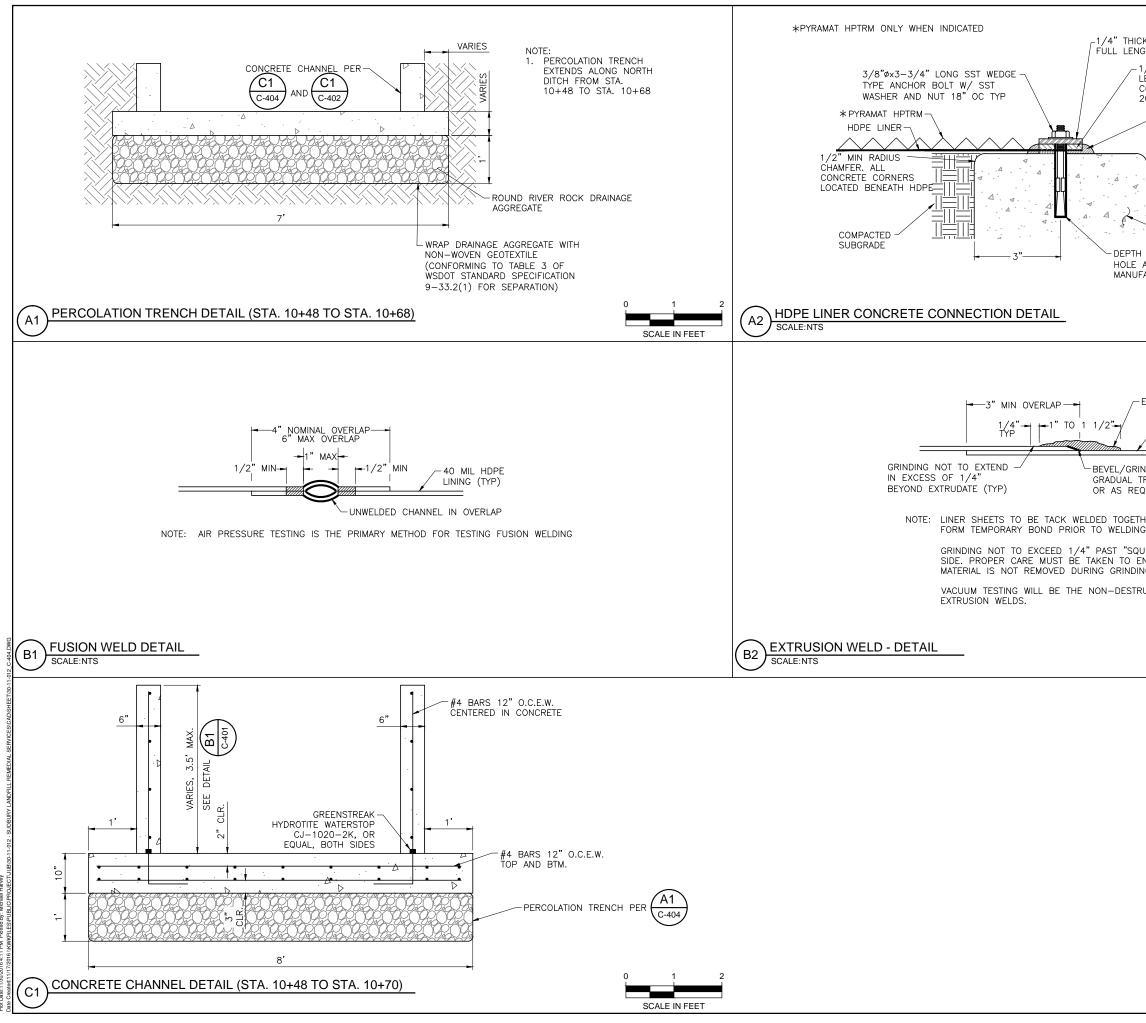




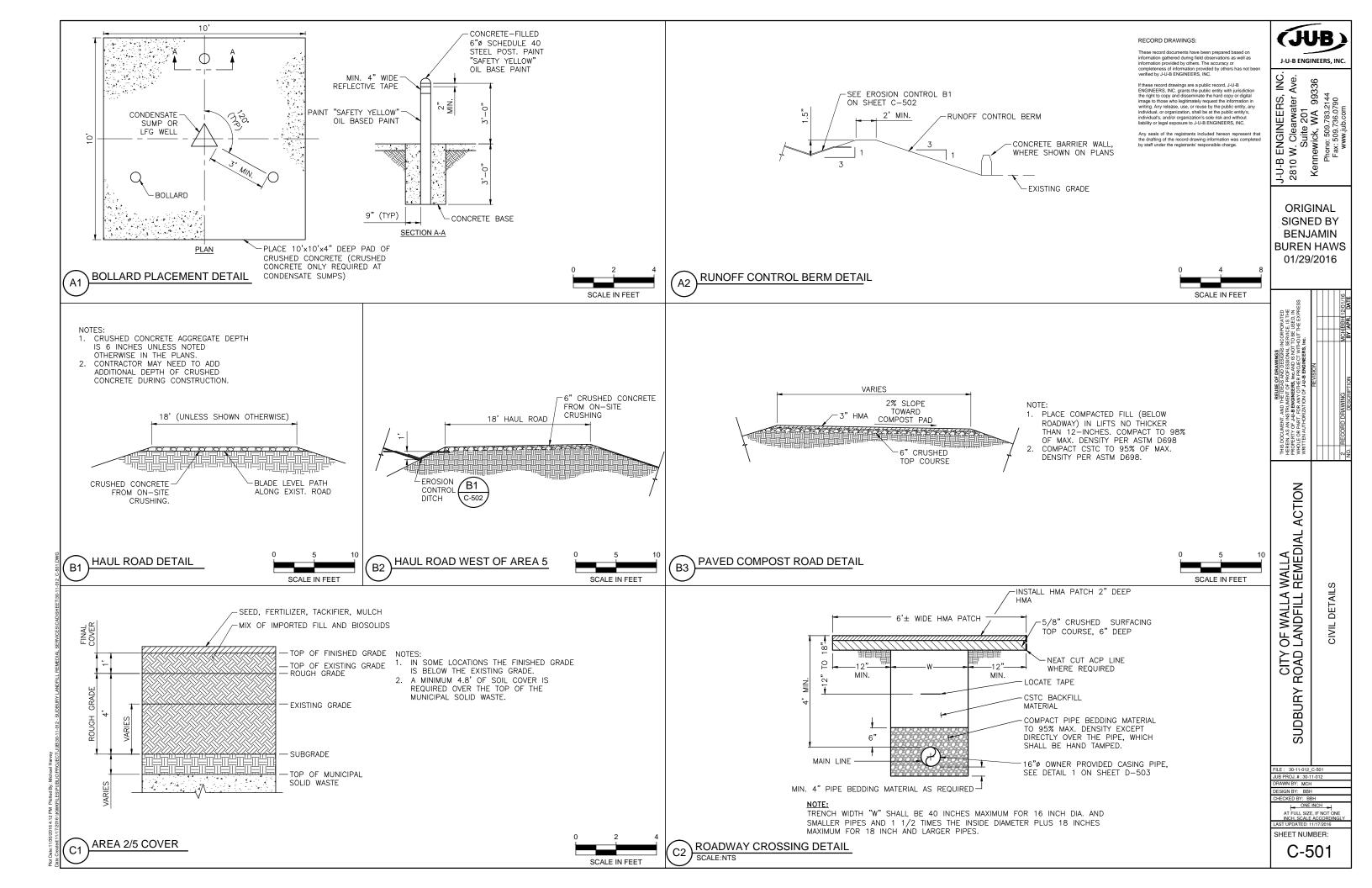


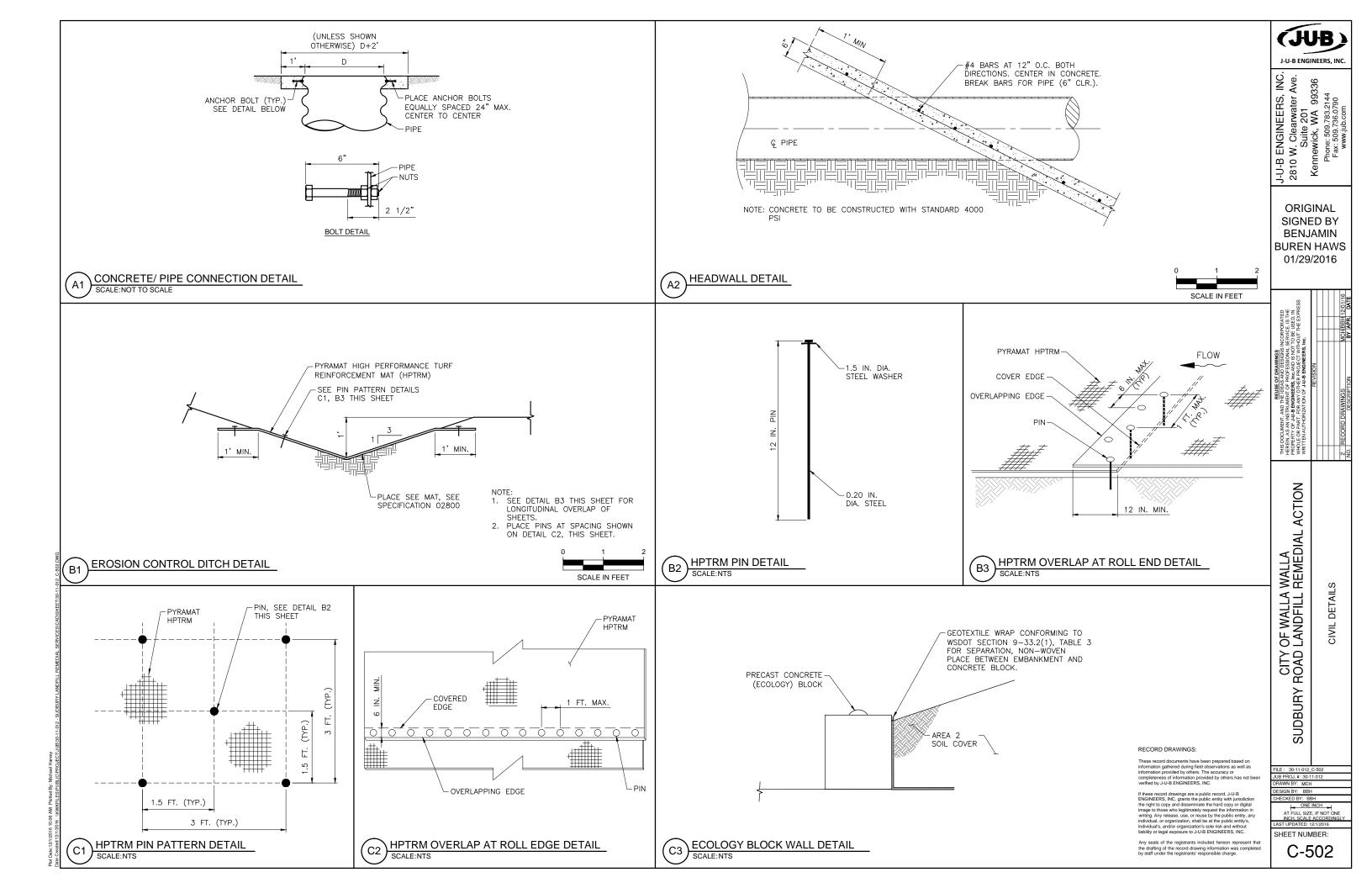


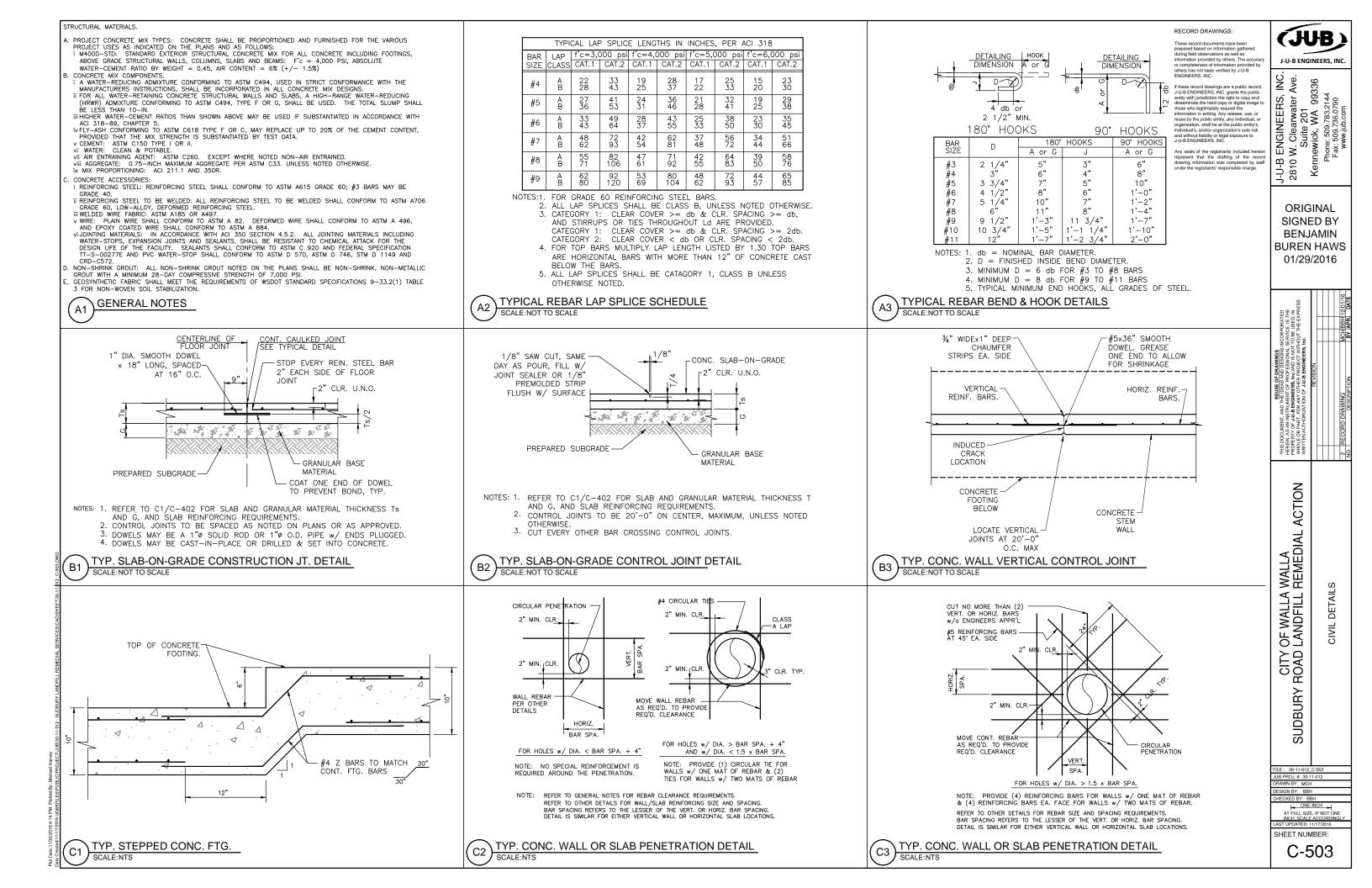




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CONCRETE STRUCTURE AND DIAMETER OF AS REQ'D BY ANCHOR FACTURER	<ol> <li>CLEAN, BLOW-OUT AND DUST CONCRETE WASTE FROM HOLE PRIOR TO INSERTING WEDGE TYPE ANCHOR BOLTS</li> <li>CONCRETE SURFACES AT ATTACHMENT LOCATIONS TO BE STEEL TROWEL FINISHED OR GROUND SMOOTH PRIOR TO FASTENING HDPE LINER</li> <li>SST - STAINLESS STEEL TYPE 304L</li> </ol>	ORIG SIGNE BENJ, BUREN 01/29/	D BY AMIN HAWS ⁄2016
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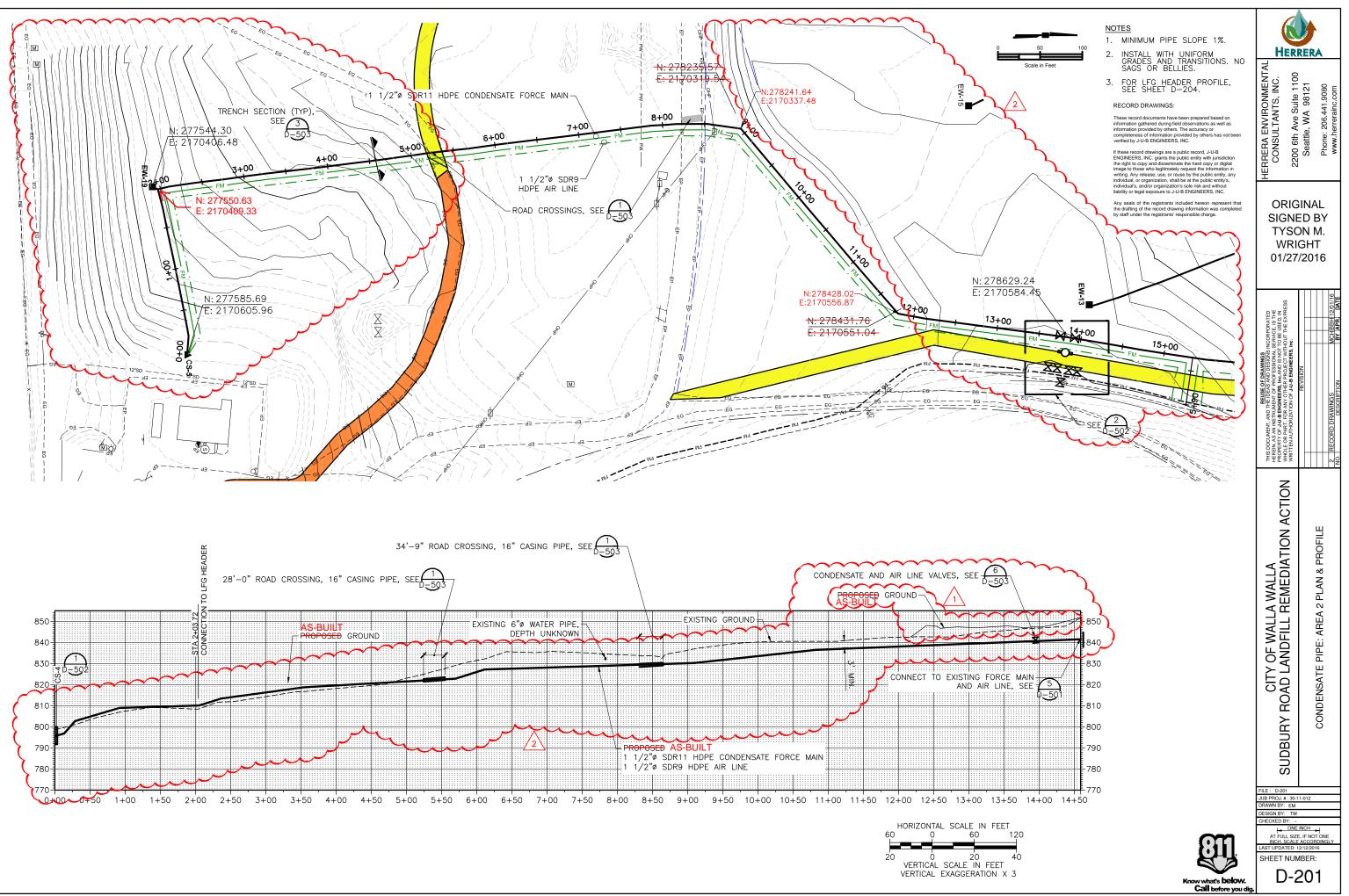


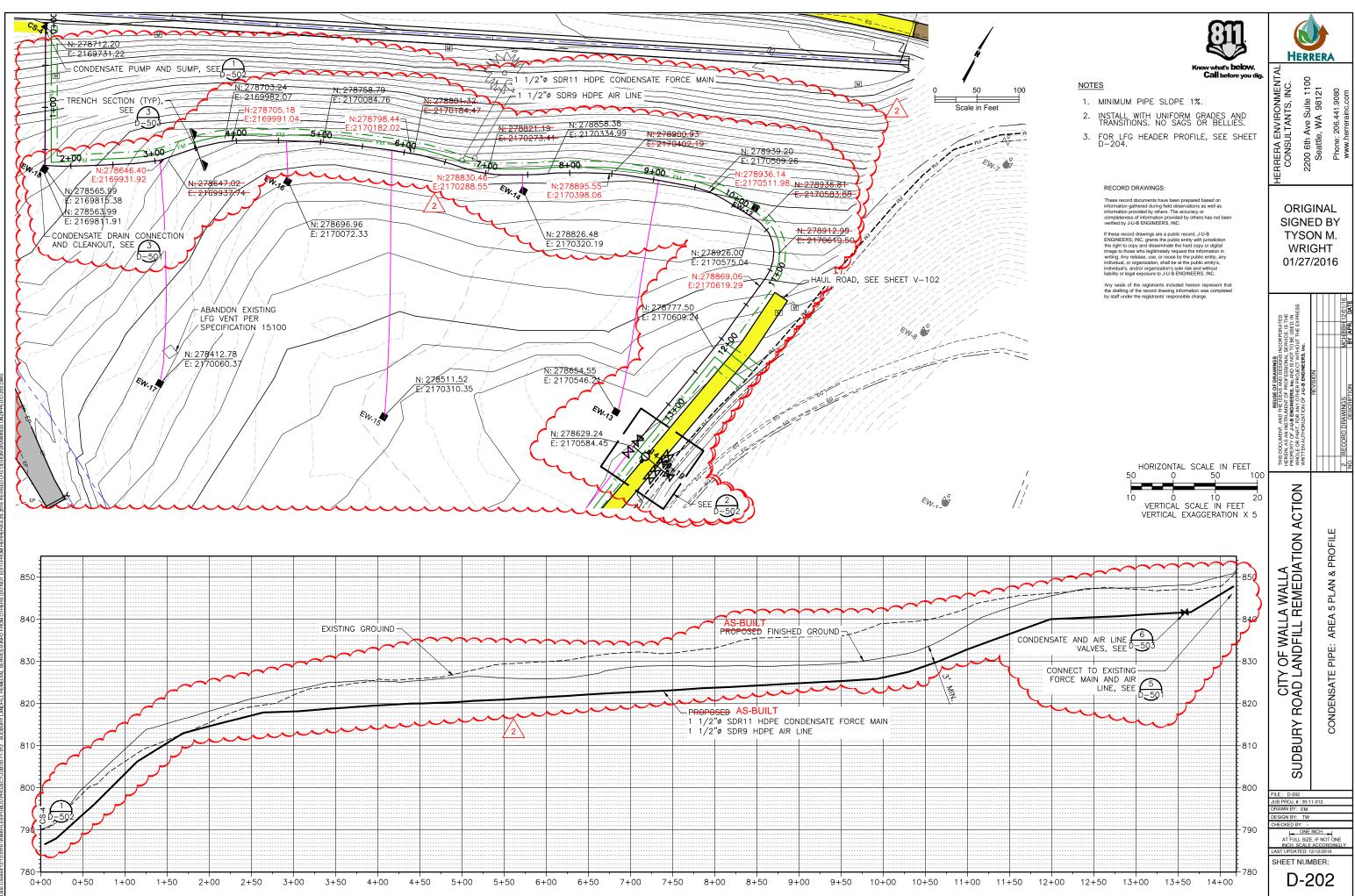


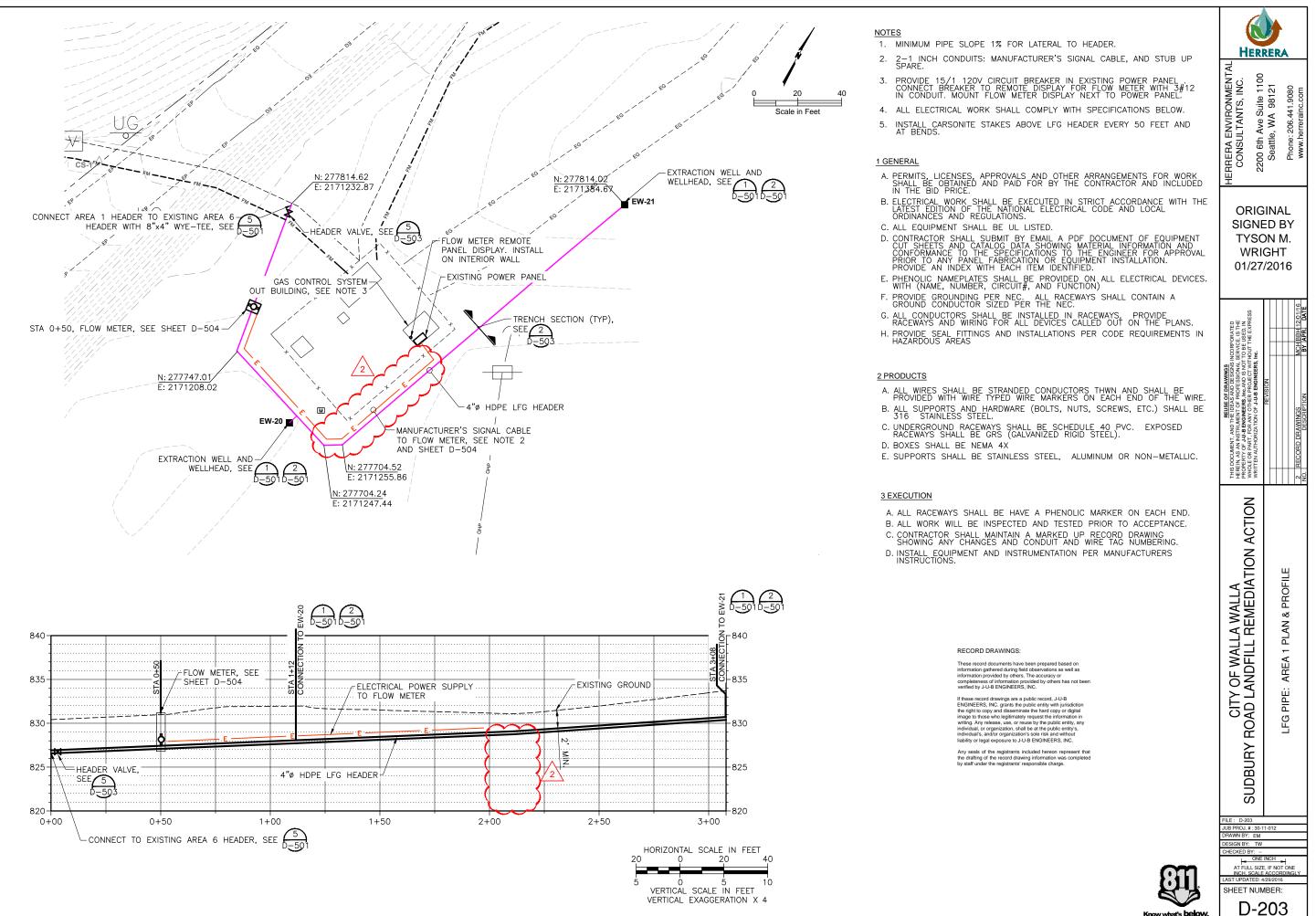




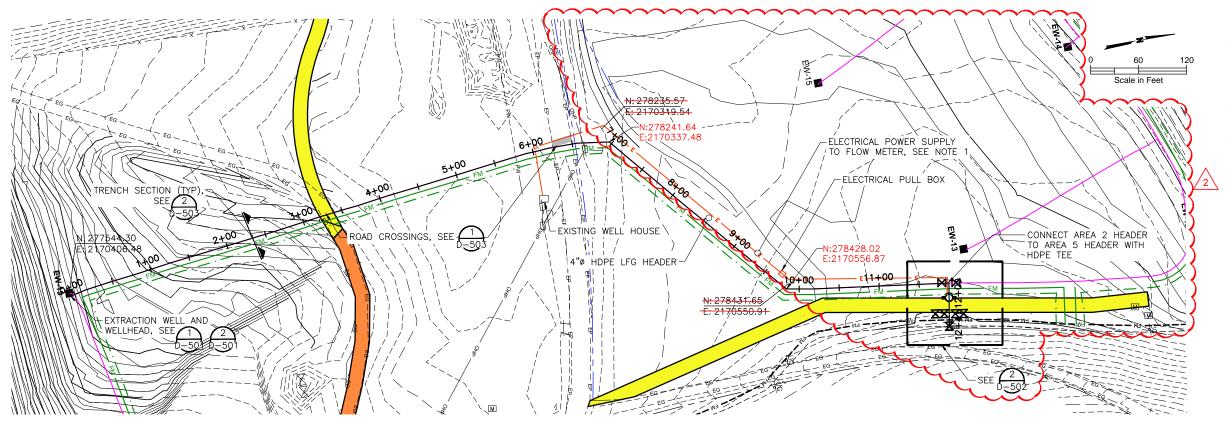
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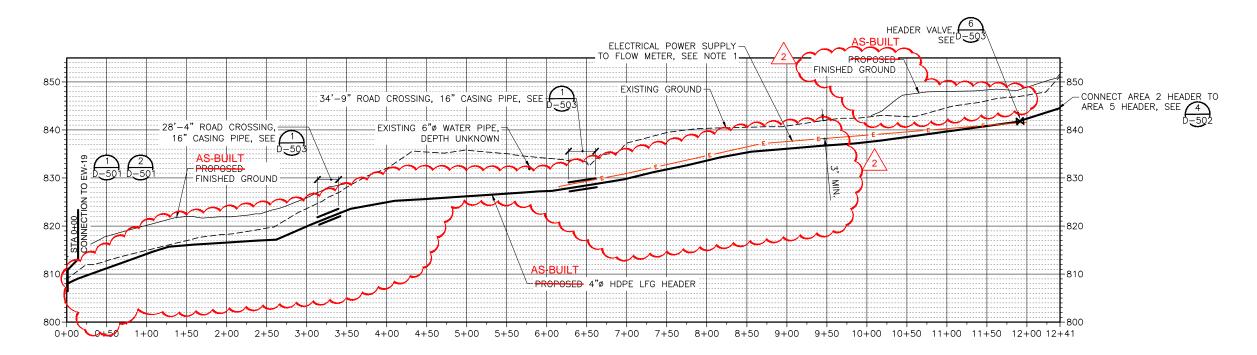






Know what's **below**. **Call** before you di





HORIZONTAL SCALE IN FEET 60 0 Ó 10 VERTICAL SCALE IN FEET 10 VERTICAL EXAGGERATION X 6

## NOTES

- ELECTRICAL POWER SUPPLY BETWEEN FLOW METER TERMINAL AND PANEL IN WELL HOUSE. 2–1 INCH CONDUITS: 3#12 TO PANEL BOARD FOR POWER, AND STUB UP SPARE. 1.
- LFG HEADER PIPE TO BE INSTALLED IN CASING PIPE AT ROAD CROSSING.
- INSTALL CARSONITE STAKES ABOVE LFG HEADER EVERY 50 FEET AND AT BENDS. 3.

## RECORD DRAWINGS:

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	THIS DOCUMENT, AND THE DESAN AND DESIGNS MOORPORATED THIS DOCUMENT, AND THE DESAN SUN DESIGNS MOORPORATED REPORT OF JUJE BENET OF REPORESSIONAL SERVICE. IS THE REPORT OF JUJE BENET SIGNERS, IMA.AND IS NOT TO BE USED IN WINGLE OR PART, FOR ANY OTHER PROJECT MITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF JUJE BUOINERS, IMC.	REVISION					ECORD DRAWINGS MCHBBH 12/01/16	DESCRIPTION   BY APR, DATE
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HERRERA ENVIRONMENT CONSULTANTS, INC.

HERRERA

ORIGINAL

SIGNED BY

TYSON M.

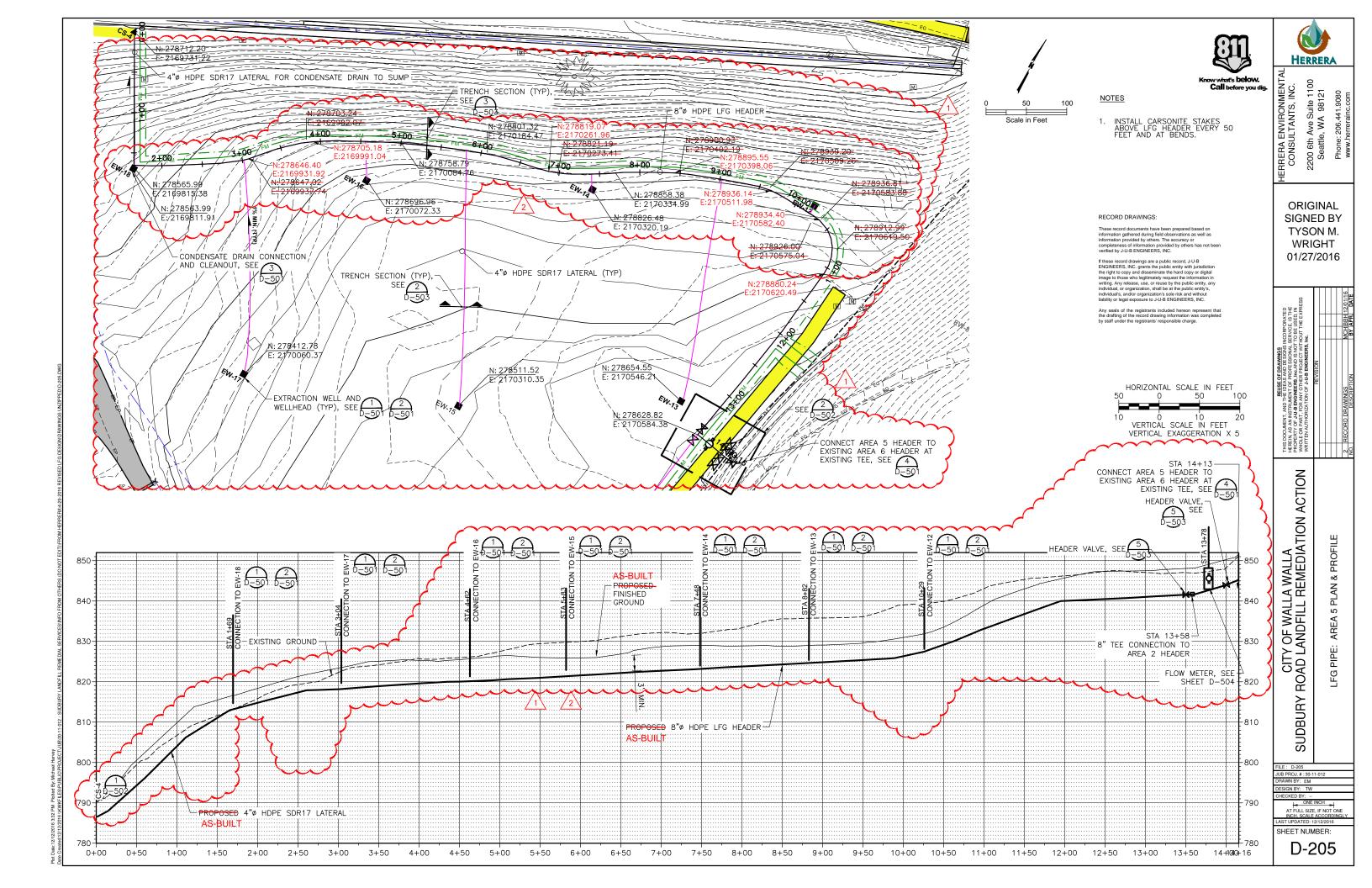
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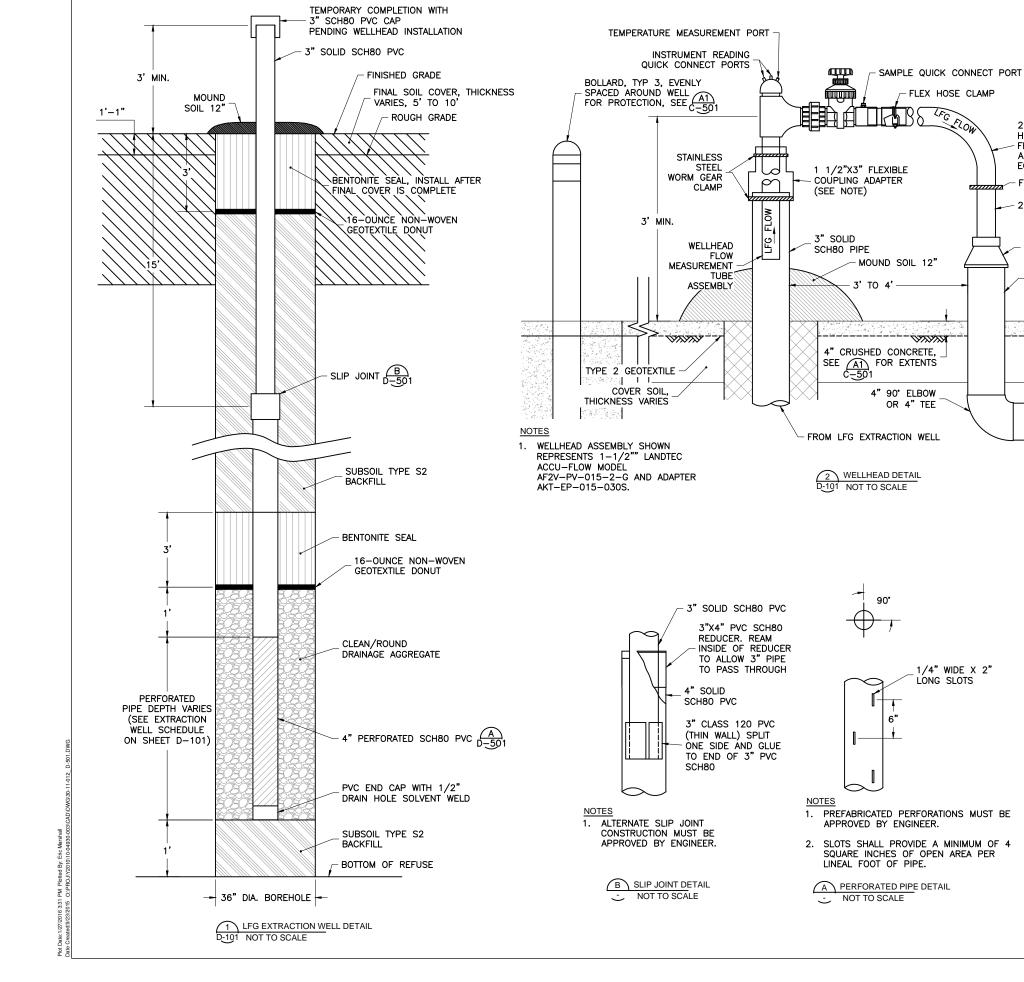
01/27/2016

2200 6th Ave Suite 1100 Seattle, WA 98121 Phone: 206.441.9080 www.herrerainc.com









8" 45" BEND AND PIPE TO 3' ABOVE FINISHED GRADE FOR CLEANOUT, FUSION WELD CAP ON CLEANOUT

FLEX HOSE CLAMP

LFG FLOI

KKKK

1/4" WIDE X 2" LONG SLOTS

OR 4" TEE

2" FLEX

FFRNCO OR APPROVED

FLEX HOSE CLAMP

- 4"X2" HDPE REDUCER

4" HDPE SDR-17

LFG FLOW

FINISHED GRADE

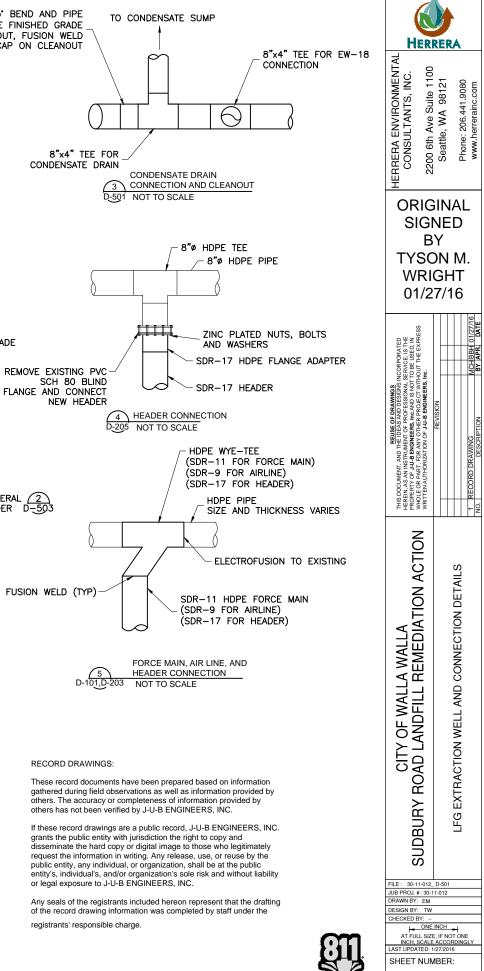
COLLECTION LATERAL 2 PIPING TO HEADER D-503

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2" HDPE PIPE

HOSE

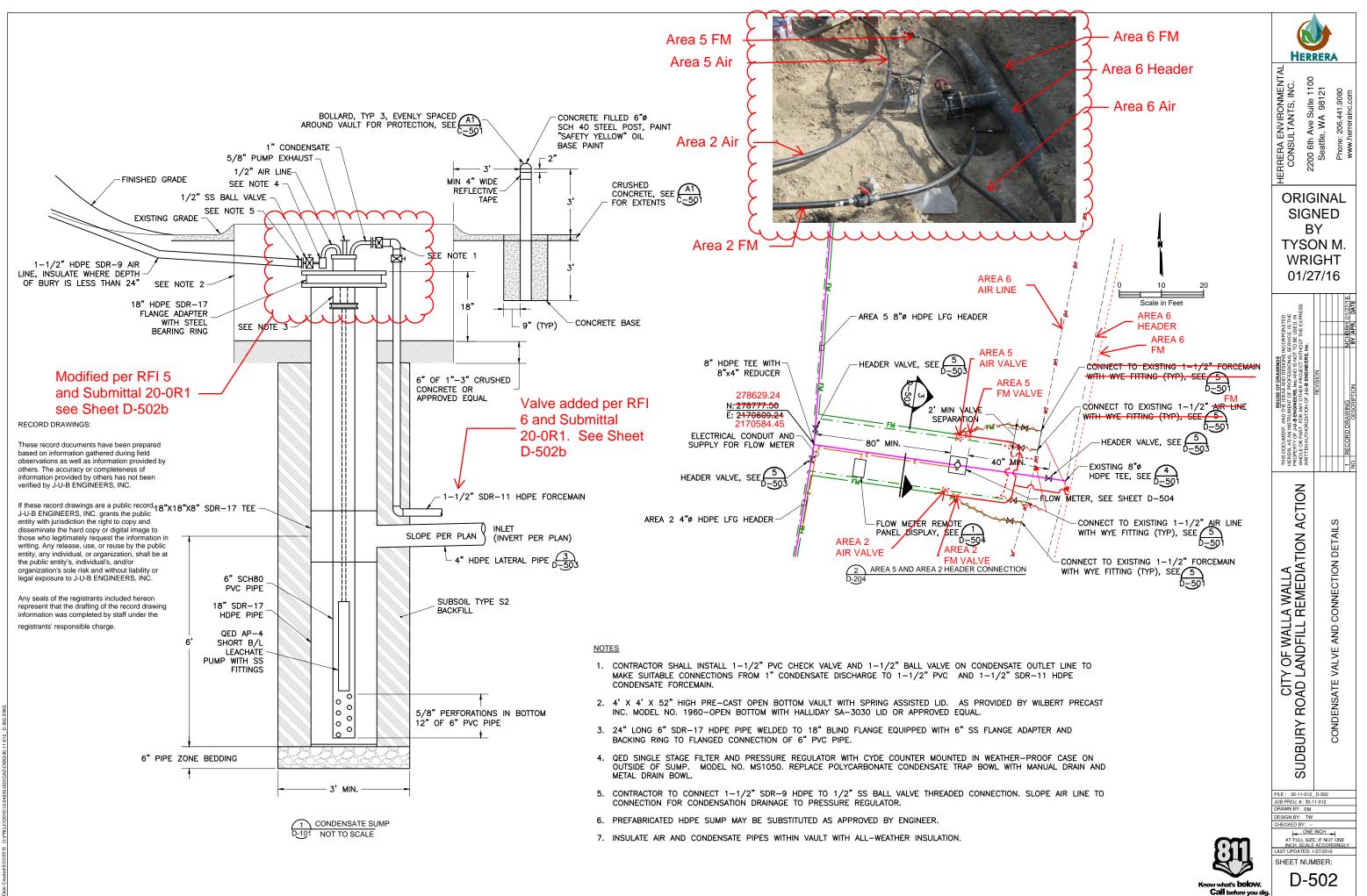
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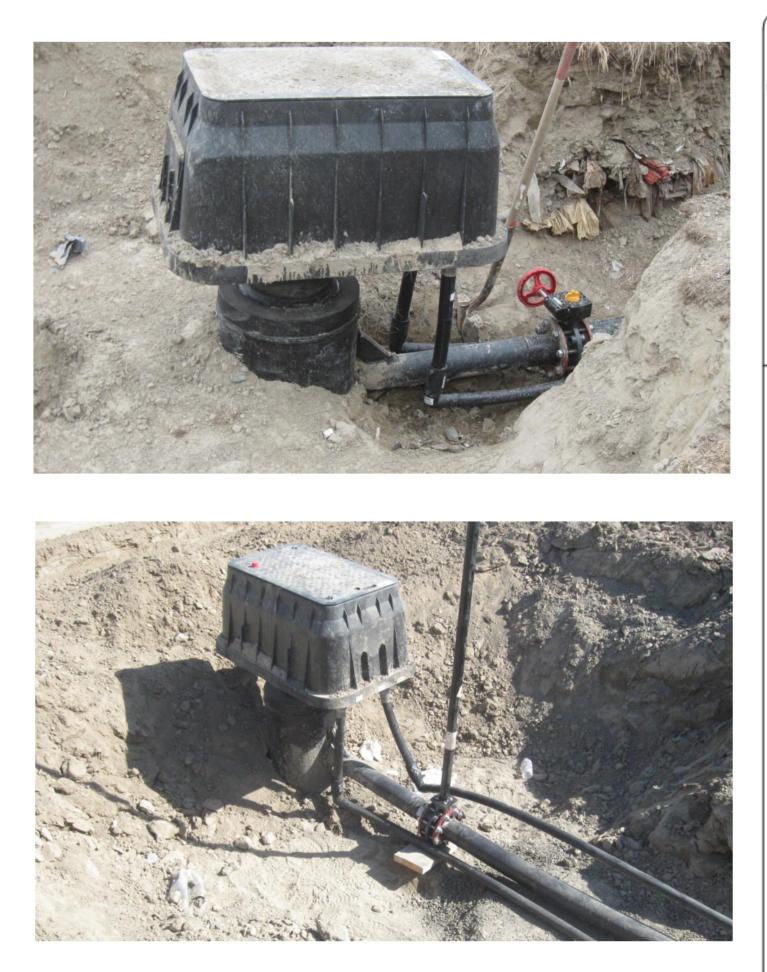
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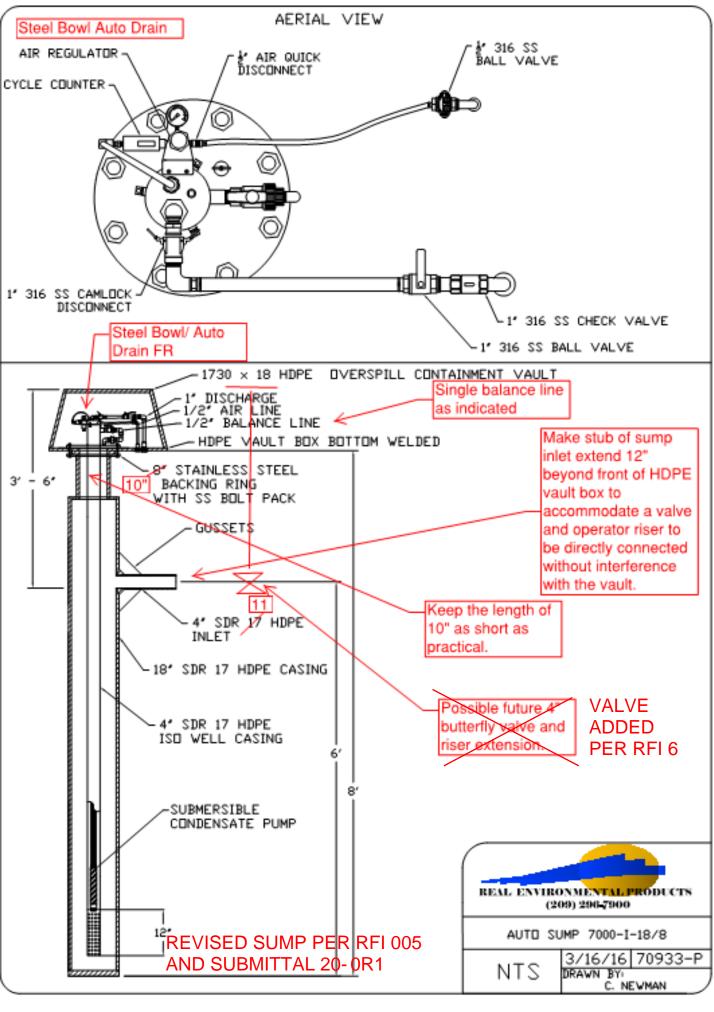
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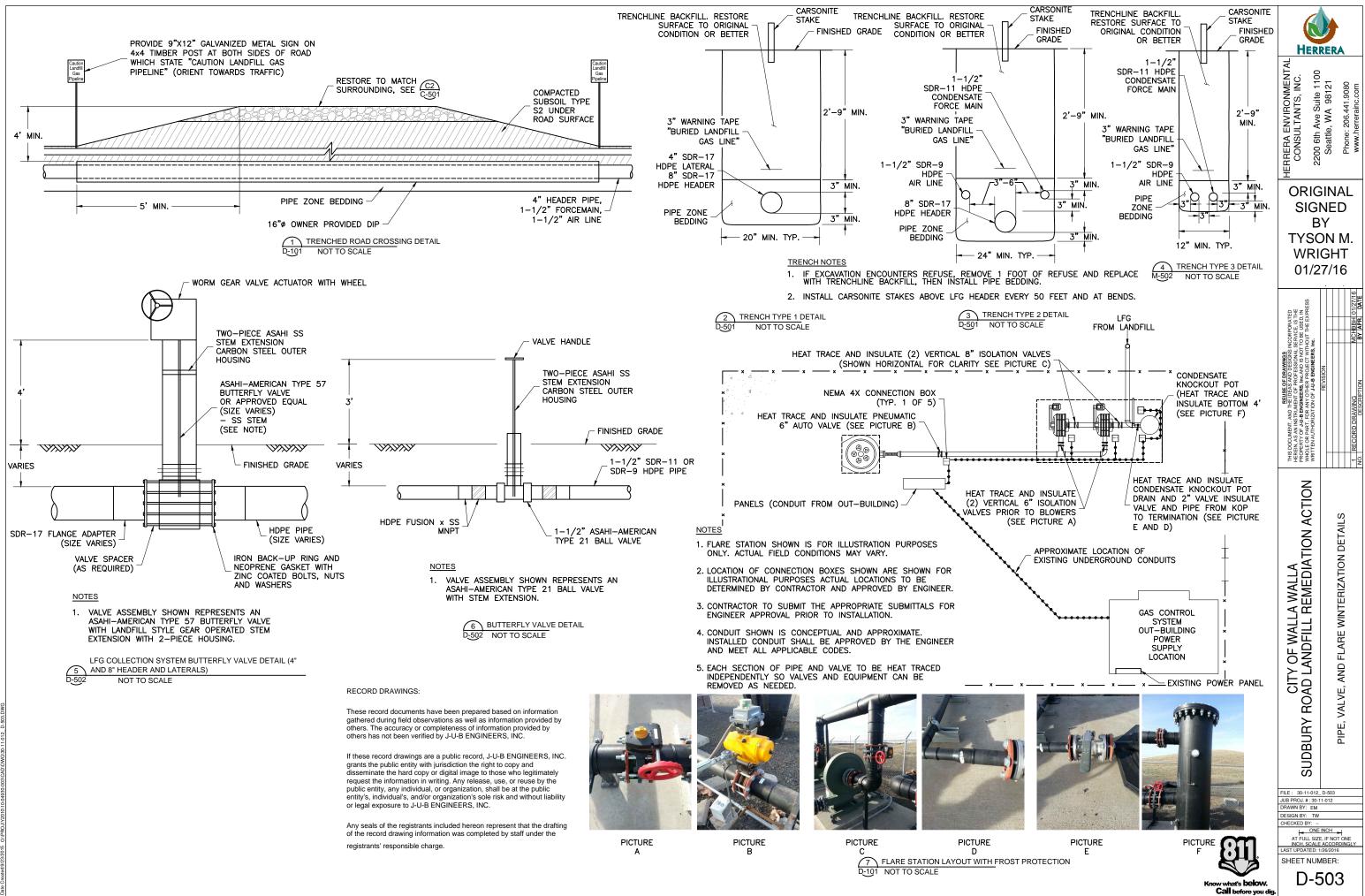


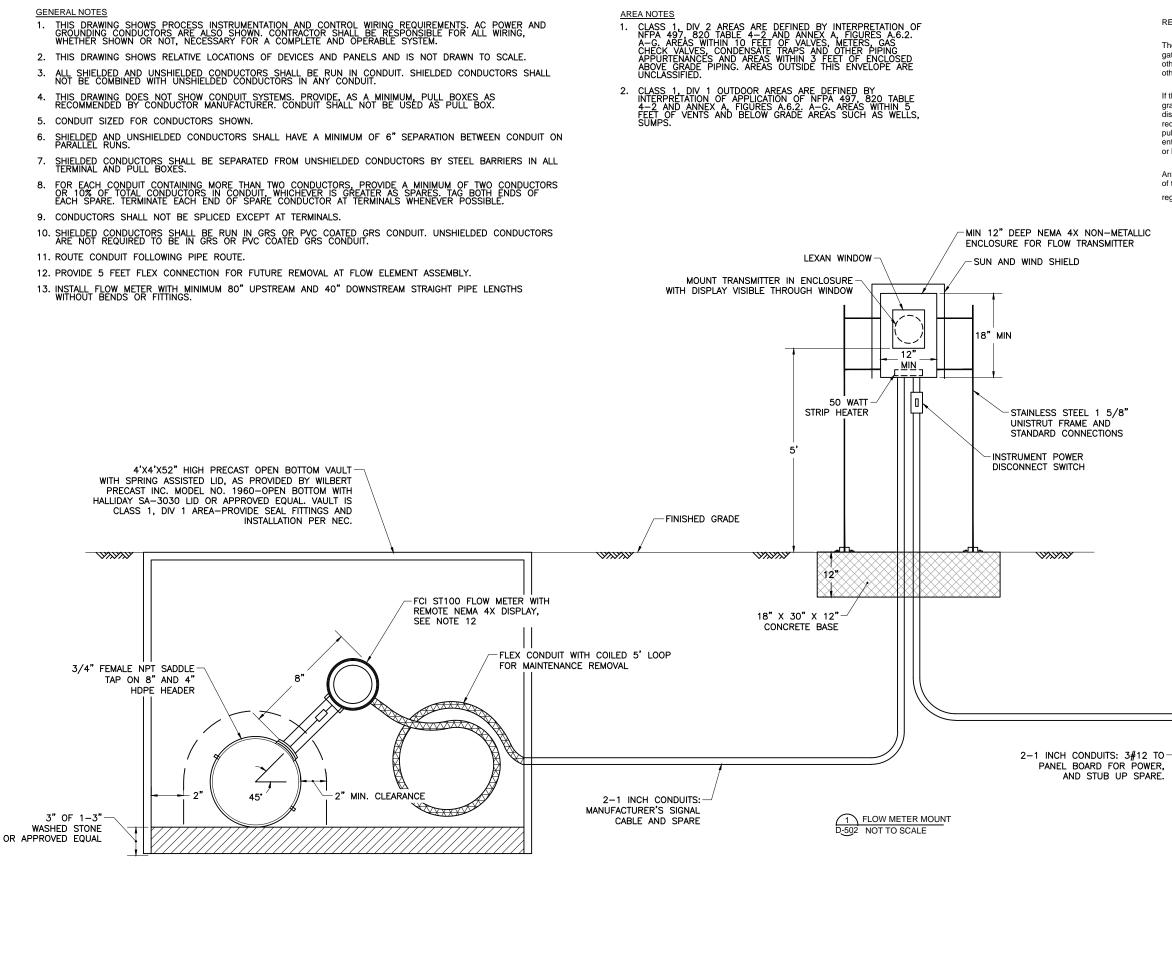
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