

**PHASE II ENVIRONMENTAL
SITE ASSESSMENT
REPORT**

SEPTEMBER 8, 2013

**SOUTH TACOMA HONDAS SITE
7802 SOUTH TACOMA WAY
TACOMA, WASHINGTON
TAX PARCEL #0220254028, #02202544010, AND
02202544140**

Prepared By

Paul W. Stemen

Stemen Environmental, Inc.

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STEMEN ENVIRONMENTAL, INC.

P.O. BOX 3644
LACEY, WASHINGTON 98501-8212
CONTR. LIC. #STEMEEI081J9

Telephone 360-438-9521 Fax 360-412-1225

September 8, 2013

Mr. Ed McCarroll
McCarroll Investments Two LLC
7802 South Tacoma Way
Tacoma, Washington 98409-3837

Dear Mr. McCarroll:

RE: PHASE II ENVIRONMENTAL SITE ASSESSMENT FOR THE SOUTH TACOMA HONDA SITE LOCATED AT 7802 SOUTH TACOMA WAY, TACOMA, WASHINGTON. TAX PARCELS #0220254028, #0220254010, and 0220254140.

1.0 SITE CHARACTERISTICS AND HISTORY

1.1 Site Characteristics

The subject property consists of approximately 3.12 acres of commercially zoned, and commercially developed land located 7802 South Tacoma Way, Tacoma, Washington. The subject property is primarily located at Latitude N47.186 Longitude 122.484, and in Section 25, Township 20 North, Range 2 East. The subject property is listed by the Pierce County Assessor's Office as Tax Parcels#0220254028, #0220254010, and 0220254140.

The subject property is currently occupied by the Used Car portion of the South Tacoma Honda Dealership.

The subject property is located in an area that is primarily occupied by light industrial, automobile dealerships, commercial businesses and retail businesses.

The subject property is located within the boundaries of the South Tacoma Groundwater Protection District.

McCarroll Investments Two, LLC is listed as the current owner of the subject property by the Pierce County Assessor's Office.

The subject property is bordered on the east by South Tacoma Way, and developed commercial properties occupied by automotive dealerships, on the north by developed commercial property occupied by additional portions of the South Tacoma Honda Dealership, on the south by developed commercial properties primarily occupied by automotive dealerships

and on the west by railroad tracks, Flett Creek Holding Basin, commercially developed properties, and undeveloped land.

1.2 Site History

Based on the review of fire insurance maps, historic and current aerial photos, and Polk City Directories, it appears that residential buildings, and an automobile dealership have primarily occupied the site from 1908 until the present.

Available information indicates that a residential building was constructed on the subject property in 1908. The property was primarily used for residential purposes until 1965.

Pierce County Records indicate that an 800 square foot automotive service garage building was constructed on the subject property in 1965. The majority of the property was covered by asphalt surfaced parking lots.

The Pierce County Records indicate that a 1,660 square foot showroom and maintenance/service garage building was constructed on the property in 2007.

The automotive service garage contains five (5) single post underground hydraulic lift systems for several years. Currently, four (4) of the single post lift systems have been placed out of service and abandoned in place while one (1) of the single post lift systems remains operational. Apparently, the lift systems were installed at the time the service garage building was constructed in 1965.

The service garage is also serviced by two (2) active aboveground lifts.

The current environmental integrity of the soils directly adjacent to, surrounding, and/or beneath these single post underground hydraulic lift systems is not known and therefore represents a recognized environmental condition that could potentially have an adverse impact on the environmental integrity of the subject property.

An approximately 500 gallon underground waste oil storage tank was previously buried directly adjacent to the southern portion of the western exterior wall of the service garage. Documents indicate that the underground waste oil tank was excavated and removed from the site in 1989. Records indicate that a release of waste oil spill occurred during the underground storage tank removal project. The presence of total petroleum hydrocarbons (TPH), at levels exceeding applicable MTCA Clean Up Levels, in the surrounding subsurface soils present at depths of at least 13 feet below ground surface was confirmed by laboratory analyses. Reportedly, excavation and removal of the petroleum contaminated soils would have had an adverse impact on the structural integrity of the adjacent service garage building.

Letters were issued by the Tacoma-Pierce County Health Department and the Department of Ecology dictating certain requirements for leaving the contaminated soils in-place. The letters stated that TPCHD has no objection to delaying remediation of the facility until any or all of the following occur:

1. Change in use of the facility

2. Sale or Transfer of ownership of the property/facility

3. Closure of facility

The presence of an unknown quantity of subsurface soils containing TPH, at levels exceeding applicable MTCA clean up levels, represents a recognized environmental condition that could potentially have an adverse impact on the environmental integrity of the subject property.

One (1) 4,000 leaded gasoline underground storage tank, and one (1) 2,000 gallon underground gasoline storage tanks were previously buried near the southwest corner of the service garage building and directly south of the southern exterior wall of the building. The tanks were buried in a common excavation pit. The tanks were constructed using single wall steel and were serviced by suction pumps.

The tanks were excavated and removed from the site in 1989. Laboratory analyses results for soil samples obtained from the tank excavation pit after the tanks were removed were not presented in the tank removal documents on file with Ecology or the Tacoma Pierce County Health Department. A water sampling well was installed within the completed excavation area.

The environmental integrity of the subsurface soil left in-place in the floor and sidewalls of the underground storage tank excavation pit at the completion of the 1989 tank removal project is not known and therefore represents a recognized environmental condition that could potentially have an adverse impact on the environmental integrity of the subject property.

One (1) 4,000 gallon underground unleaded gasoline storage tank and one (1) 500 gallon underground waste oil storage tank were installed, in the immediate area of the previous underground storage tank burial pit, in 1989. The new tanks were constructed of double wall steel.

The 500 gallon waste oil tank was placed out of service in 2005, and is not in regulatory compliance. The out of service tank should have been excavated and removed within 30 days of being placed out of service.

The 4,000 gallon gasoline tank is still in-use and is currently in regulatory compliance.

The current environmental integrity of the subsurface soils and/or groundwater immediately surrounding and/or beneath these tanks is not known and therefore represents a recognized environmental condition that could potentially have an adverse impact on the environmental integrity of the subject property.

The results of this assessment have confirmed the presence of multiple recognized environmental conditions that could potentially have an adverse impact on the environmental integrity of the subject property and/or off-site neighboring properties and that require additional environmental inquiries.

2.0 INVESTIGATIVE SOIL SAMPLING

The purpose of this Limited Phase II Environmental Site Assessment is to assess the

impacts of the on-site recognized environmental conditions, associated with the previous and/or current operations of the subject property, on the current environmental integrity of the subject property.

Prior to the commencement of any on-site sampling activities, all underground utilities were properly located and identified by a Professional Underground Utilities Locating Contractor.

On February 5 and February 8, 2013, I supervised the advancement of a total of eighteen (18) investigative boreholes at selected locations of interest on the subject property. Selected sampling locations include the former burial locations of the previously removed underground fuel storage tanks, a temporarily abandoned in-place underground used oil storage tank, a currently in-use underground gasoline storage tank system, the northern perimeter of the property, and the areas in the maintenance/service garage that directly surround the currently in-use and currently out of service underground hydraulic lift systems.

The investigative boreholes were advanced using Direct Push Sampling Systems supplied from ESN Northwest, Inc., of Olympia, Washington. The Direct Push Sampling System was operated by a Washington State Licensed Resource Protection Well Driller and oversight was provided by Licensed Geologist.

Investigative soils were obtained from the soils present at various depths in the advanced investigative boreholes.

Based on field screening results, and visual observations, selected soil and/or water samples were submitted for appropriate laboratory analyses.

2.1 Maintenance/Service Garage

A total of seven (7) investigative boreholes were advanced beneath the concrete floor at selected locations of interest throughout the Maintenance/Service Garage portion of the subject property. Six (6) of the selected sampling locations were located directly adjacent to the locations of currently out of service and/or currently in-use underground hydraulic lift systems. One investigative borehole was advanced to a depth of 10 feet b.g.s. (below ground surface) directly adjacent to the six (6) individual lift systems. The boreholes were advanced in close proximity to each of the lift systems underground hydraulic cylinders.

One (1) discreet soil sample was obtained from each borehole at a depth below the lowest portion of the underground lift system and submitted for appropriate laboratory analyses.

Field screening of the soils removed from various depths in each borehole produced no noticeable presence of petroleum products in the sampled soils.

All of the samples obtained from locations directly adjacent to the underground lift systems were submitted for appropriate laboratory analyses and were analyzed for the presence of diesel fuel and lube oil range TPH (total petroleum hydrocarbons).

Due to their location in close proximity to the previously removed underground waste oil tank's burial location, the remaining location of used oil contaminated soils, and the currently in-

place gasoline and used oil underground storage tanks, underground lift systems soil samples HDL4-8, HDL5-10, and HDL6-9 were also analyzed for the presence of gasoline/solvent range TPH.

Laboratory analyses results for underground lift system investigative soil samples HDL1, HDL2, HDL3, HDL4-8, HDL5-10, and HDL6-9 reported no detectable presence of diesel fuel and/or lube oil (hydraulic oil) range T.P.H.

Laboratory analyses results for underground lift system investigative soil samples, HDL4-8, HDL5-10, and HDL6-9 reported no detectable presence of gasoline (solvent) range T.P.H.

Additionally, investigative borehole IS1 was advanced at a location in the southwestern portion of the Maintenance/Service Garage. The area is currently used as a storeroom. The sampling locations is directly east of the eastern sidewall of the previously removed used oil storage tank's excavation pit.

The borehole was advanced to a depth of 16 feet b.g.s. at this location.

Field screening of the soils removed from various depths in each borehole produced no noticeable presence of petroleum products in the sampled soils.

Investigative soil samples obtained from this location were submitted for appropriate laboratory analyses and were analyzed for the presence of gasoline, diesel fuel, and lube oil range TPH.

Laboratory analyses results for investigative soil samples IS1-10, and IS1-15 reported no detectable presence of gasoline (solvent), diesel fuel and/or lube oil (hydraulic oil) range T.P.H.

2.2 Northern Perimeter of Subject Property

Sample Location S10

One (1) investigative borehole was advanced at the reported location directly north of the northwest corner of maintenance/service garage portion of the on-site dealership building.

Sample location S10 is located 16 feet north and 2 feet east of the northwest corner of maintenance/service garage portion of the on-site dealership building.

The soil boring at this location was advanced to an approximate depth of 18 feet b.g.s.

Investigative sample S10-17 was obtained from brown/grey sands and gravels present at an approximate depth of 17 feet b.g.s.

Laboratory analyses results for investigative soil sample S10-17 reported no detectable presence of gasoline, diesel fuel range T.P.H., and/or lube oil range T.P.H.

2.3 Location of Previously Removed Used Oil Underground Storage Tank

Six (6) investigative boreholes were advanced within and directly surrounding the burial location of the previously removed underground used oil storage tank. The center of the burial pit is located 26 feet north and 3 feet west of the southwest corner of the on-site dealership building. A ground water sampling well is located in the north central portion of the burial pit.

Sample Location S5

Sample location S5 is located approximately 26 feet north and 5 feet west of the northwest corner of the northern maintenance/service garage portion of the on-site dealership building. The borehole was advanced at a location 2 feet west of the center point of the western perimeter of the former UST burial pit.

The soil boring at this location was advanced to an approximate depth of 15 b.g.s.

Due to the presence of small cobbles and gravels, we experienced poor soil recovery at various depths.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S5-14 was obtained from moist sands and gravels present at an approximate depth of 14 feet b.g.s.

Laboratory analyses results for investigative soil sample S5-14 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., lube oil range T.P.H., and/or BTEXs.

Sample Location S6

Sample location S6 is located approximately 26 feet north and 3 feet west of the northwest corner of the northern maintenance/service garage portion of the on-site dealership building. The borehole was advanced at a location near the center point of the former UST burial pit.

The initial soil boring was advanced to a depth of 15 feet. We experienced very poor soil recovery.

The secondary soil boring at this location was advanced to an approximate depth of 20 b.g.s. Due to the presence of small cobbles and gravels, we experienced poor soil recovery at various depths. in this boring also.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S6-10 was obtained from tan sands present at an approximate depth of 10 feet b.g.s.

Laboratory analyses results for investigative soil sample S6-10 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., lube oil range T.P.H. and/or BTEXs

Sample Location S7

Sample location S7 is located approximately 18 feet north and 3 feet west of the northwest corner of the northern maintenance/service garage portion of the on-site dealership building. The borehole was advanced at a location 2 feet south of the southern sidewall of the former UST burial pit.

The soil boring at this location was advanced to an approximate depth of 15 b.g.s.

Due to the presence of small cobbles and gravels, we experienced poor soil recovery at various depths.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S7-12 was obtained from tan sands present at an approximate depth of 10 feet b.g.s.

Laboratory analyses results for investigative soil sample S7-12 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., and/or lube oil range T.P.H.

Sample Location S8

Sample location S8 is located approximately 34 feet north and 3 feet west of the northwest corner of northern maintenance/service garage portion of the on-site dealership building. The borehole was advanced at a location 2 feet north of the northern sidewall of the former UST burial pit.

The soil boring at this location was advanced to an approximate depth of 15 b.g.s. The probe refused to advance to greater depths at this location.

Due to the presence of small cobbles and gravels, we experienced poor soil recovery at various depths.

Soils removed from this soil boring possessed noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S8-14 was obtained from tan sands present at an approximate depth of 10 feet b.g.s.

Laboratory analyses results for investigative soil sample S8-14 reported the presence of lube oil range T.P.H. at levels that exceed MTCA Method A Clean Up Levels.

Laboratory analyses results for investigative soil sample S8-14 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., and/or BTEXs.

Sample Location S9

Sample location S9 is located approximately 39 feet north and 3 feet west of the northwest corner of the northern maintenance/service garage portion of the on-site dealership building. The borehole was advanced at a location 5 feet north of Sampling Location S8.

The soil boring at this location was advanced to an approximate depth of 15 b.g.s.

Due to the presence of small cobbles and gravels, we experienced poor soil recovery at various depths.

Soils removed from this soil boring at depths of 14 feet b.g.s. or less possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products while soils removed at depths ranging from 14-16 feet b.g.s. possessed a light but noticeable petroleum products type sheen.

Investigative soil sample S9-12 was obtained from tan sands present at an approximate depth of 10 feet b.g.s. and soil sample S9-15 was obtained from tan sands present at a depth of 15 feet b.g.s.

Laboratory analyses results for investigative soil sample S9-12 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., and/or lube oil range T.P.H.

Laboratory analyses results for investigative soil sample S9-15 reported no detectable presence of gasoline range T.P.H., and/or diesel fuel range T.P.H.

Laboratory analyses results for investigative soil sample S9-15 reported the detectable presence of lube oil range T.P.H. at levels that do not exceed MTCA Method A Clean Up Levels.

Sample Location S11

Sample location S11 is located approximately 55 feet north and 3 feet west of the northwest corner of the northern maintenance/service garage portion of the on-site dealership building. The borehole was advanced at a location 16 feet north of Sampling Location S9.

The soil boring at this location was advanced to an approximate depth of 18 b.g.s.

Due to the presence of small cobbles and gravels, we experienced poor soil recovery at various depths.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S11-12 was obtained from tan sands and gravels present at an approximate depth of 10 feet b.g.s. while soil sample S11-15 was obtained from moist tan sands present at depth of 15 feet b.g.s.

Laboratory analyses results for investigative soil samples S11-12 and S11 -15 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., and/or lube oil range T.P.H.

Water Sampling Well

Investigative groundwater sample W-1 was obtained from the groundwater present at a depth of 26 feet b.g.s. in the on-site groundwater sampling well. The water sample was submitted for appropriate laboratory analyses.

Laboratory analyses results for investigative water sample W-1 reported no detectable presence of gasoline range TPH, diesel fuel range TPH, lube oil range TPH, and/or BTEXs.

Laboratory analyses results for investigative water sample W-1 reported no presence of Arsenic (As), Lead (Pb), Cadmium Cd), Chromium (Cr), and/or Mercury (hg) at levels that exceed MTCA Method A Clean Up Levels.

2.4 Location of Previously Removed Underground Fuel Storage Tanks and Currently In-Place Underground Gasoline/Used Oil Storage Tanks

A total of four (4) discreet soil samples were obtained from various depths at selected locations around the perimeter of the concrete pad that covers the burial locations of the currently active 2,000 gallon underground gasoline storage tank, the fuel dispensing island, and the currently out of service 500 gallon underground used oil storage tank as well as the burial location of the previously removed underground gasoline storage tanks.

Soils present on this portion of the site consisted of brown medium grain sands with some small gravels to a depth of 12 feet b.g.s., moist brown sands to a depth of 15 feet b.g.s.

Sample Location S1

Sample location S1 is located 15 feet south and 42 feet east of the southwest corner of the adjacent dealership building and along the eastern perimeter of the UST burial pit.

The soil boring at this location was advanced to an approximate depth of 15 feet b.g.s.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S1-15 was obtained from moist brown sands present at an approximate depth of 15 feet b.g.s.

Laboratory analyses results for investigative soil sample S1-15 reported the no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., lube oil range T.P.H., and/or B.T.E.X.s.

Sample Location S2

Sample location S2 is located 32 feet south and 30 feet east of the southwest corner of the adjacent dealership building and along the southern perimeter of the UST burial pit.

The soil boring at this location was advanced to an approximate depth of 15 feet b.g.s.

Investigative sample S2-10 was obtained from brown sands and small gravels present at an approximate depth of 10 feet b.g.s.

Laboratory analyses results for investigative soil sample S2-10 reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., lube oil range T.P.H., and/or B.T.E.X.s.

Sample Location S3

Sample location S3 is located 20 feet south and 12 feet east of the southwest corner of the adjacent dealership building and along the western perimeter of the UST burial pit.

The soil boring at this location was advanced to an approximate depth of 15 feet b.g.s.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative sample S3-14 was obtained from moist brown sands present at an approximate depth of 15 feet b.g.s.

Laboratory analyses results for investigative soil sample S3-14 reported the no detectable presence of gasoline range T.P.H. diesel fuel range T.P.H., lube oil range T.P.H., and/or B.T.E.X.s.

Sample Location S4

Sample location S4 is located 10 feet south and 12 feet east of the southwest corner of the adjacent dealership building, along the northern portion western perimeter of the UST burial pit and in close proximity to the fuel dispensing island.

The soil boring at this location was advanced to an approximate depth of 15 feet b.g.s.

Soils removed from this soil boring possessed no noticeable signs (staining/odor/sheen) of being adversely impacted by petroleum products.

Investigative soil sample S4 was obtained from brown sands and gravels present at an approximate depth of 14 feet b.g.s.

Laboratory analyses results for investigative soil sample S4 reported the no presence of gasoline range T.P.H. diesel fuel range T.P.H., lube oil range T.P.H., and/or B.T.E.X.s.

3.0 SOIL SAMPLING, GROUNDWATER SAMPLING, AND LABORATORY ANALYSES PROTOCOLS

3.1 Soil Sampling Protocols

All discreet soil samples were obtained using a "Direct Push Sampling System" provided and operated by Licensed Geologists from ESN Northwest, Inc. of Olympia, Washington. Continuous soil borings were extended to depths of approximately 20+ feet below ground

surface (b.g.s.) or less. Continuous soil corings/samples (split spoon samplers/liners) were laid out in order by depth on the surface to facilitate field screening and observation of the soils obtained from various depths.

The soil samples were immediately removed from the liner and placed in recommended sample jars using a stainless steel sampling spoon and/or an appropriate VOC Sampling device.

EPA Method 5035 sampling protocols were practiced when sampling soils to be analyzed for Volatile Organic Compounds.

3.2 Groundwater Sampling Protocols

Prior to sampling, the monitoring well was properly purged by removing a minimum of three (3) casing volumes of water from the well using a variable speed peristaltic pump operating at the lowest flow rate setting and disposable PVC tubing.

The representative groundwater sample was then obtained from the waters present in the well using the variable speed peristaltic pump operating at the lowest flow rating.

The sampled waters were transferred directly into laboratory supplied containers for temporary storage and transport.

All waters generated during purging activities were placed in appropriate containers for transportation to an appropriate off-site treatment/disposal facility.

Prior to purging of the well, the groundwater elevation was measured using an electronic water level indicator. Depth to water was measured from the center point of the top of the monitoring well monument (ground surface).

3.3 Quality Controls and Assurances

All sampling tools/devices were properly cleaned between individual samples to prevent cross sample contamination. All soil and/or water samples were placed in recommended sample containers with zero head space, properly refrigerated and transported with proper chain of custody forms, to ESN Northwest, Inc. of Olympia, Washington, for appropriate laboratory analyses.

3.4 Laboratory Analyses Protocols

Soil and groundwater samples were analyzed for the presence of gasoline range T.P.H. (total petroleum hydrocarbons) using method NWTPH-Gx, diesel fuel range T.P.H., and lube oil range T.P.H. using method NWTPH-Dx/Dx Extended, B.T.E.X.'s (Benzene, Toluene, Ethylbenzene, and Xylenes) and/or other Volatile Organic Compounds using EPA method 8260C/5035A, and MTCA 5 metals using method 6020A/3005A.

4.0 HEALTH AND SAFETY

1. All on-site work was performed under the Health and Safety guidelines set forth in sections 29 CRF 1910.120 of the Federal Register and Chapter 296-62 WAC which provide regulations for individuals who are engaged in activities involving hazardous substances,

including petroleum, and who perform confined space entry during field activities, also Chapter 296-155 WAC which provides State safety standards for construction work.

2. All on-site workers were 40 hour Hazmat certified.

3. A copy of the Site Safety Plan was provided to all on-site employees. The contents of this plan and all potential on-site hazards were discussed during an on-site safety meeting. Based on the contents of this safety plan all workers were required to wear at least Level D protection. First Aid materials and properly trained personnel were present on-site at all times.

4. The immediate perimeter of the work area was secured at all times by orange hazard cones and/or a secured building. Work on the interior of the building was primarily performed on weekend days.

5.0 SUMMARY AND CONSULTANT'S RECOMMENDATIONS

5.1 Summary

1. The results of this environmental investigation reported the presence of lube oil range T.P.H. at levels that exceed MTCA Method A Clean Up Levels in the subsurface soils present at a depth of 14 feet b.g.s. at a location directly adjacent to the northern perimeter of the burial pit associated with the removed used oil underground storage tank that was excavated and removed from this area in 1989. The results of this investigation indicate that the petroleum contaminated soils plume is limited to a small area along the western exterior of the maintenance /service garage portion of the on-site dealership building. Due to access limitations for sampling equipment capable of sampling at extended depths, the areal extents of the PCS plume were not defined to the area northeast of the excavation pit and within the footprint of the storage area of the maintenance/service garage.

Investigation soil samples IS1-10, and IS1-15 were obtained at a location on the interior of the maintenance/service garage and at a location approximately 4 feet east of the eastern sidewall of the used oil tank excavation pit.

Laboratory analyses results for investigative soil samples IS-1-10, and IS-1-15 reported no detectable presence of gasoline (solvent),diesel fuel and/or lube oil (hydraulic oil) range T.P.H.

2. The results of this environmental investigation reported no presence of gasoline range T.P.H., diesel fuel range T.P.H., lube oil (hydraulic oil) range T.P.H., and/or B.T.E.X.s at levels exceeding MTCA Method A Clean up Levels, in the subsurface soils directly adjacent to the location of a previously removed gasoline underground storage tanks and the current burial location of an active gasoline underground storage tank system, and a currently out of service used oil storage tank.

3. The results of this environmental investigation reported no detectable presence of gasoline range T.P.H., diesel fuel range T.P.H., lube oil (hydraulic oil) range T.P.H., and/or B.T.E.X.s at a location directly north of the northwest corner of the maintenance/service garage and in close proximity to the northern boundary of the property.

5.2 Consultant's Recommendations

1. The Site should be entered into Ecology's Voluntary Clean Up Program.

2. I recommend the immediate removal of the out of service 500 gallon waste oil underground storage tank that is not in compliance with applicable regulations. Due to the fact that the 4,000 gallon gasoline underground tank is buried in a common excavation pit with the out of service underground waste oil storage tank, the excavation activities associated with the out of service waste oil storage tank could potentially have an adverse impact on the physical integrity and/or stability of the underground gasoline storage tank system, I feel that it would be appropriate to the remove both of the tanks and the associated fuel dispensing island at the same time.

3. The lube oil range T.P.H. contaminated soils present at depths and locations that are not reasonable accessible for excavation and removal purposes can be treated using In-Situ Bioremediation methods. The bioremediation compounds would be injected into the adversely impacted soils using a pressurized nozzle and the Direct Push Sampling System.

The process could take 18 months but should be effective.

All remedial investigations performed on this site meet current industry and regulatory standards for these actions.

All opinions, observations, and statements set forth in this report are based on currently available information and the provider is not responsible for the absolute accuracy or completeness of this information.

All opinions, observations, and statements set forth in this report are based current on-site conditions, and the reporter cannot predict or report on the impacts of ongoing activities, changing conditions, future events and/or revised regulatory requirements on this site.

If you have any questions or need further information please feel free to contact us at the above phone number.

Sincerely,



Paul W. Stemen
Ecology-Registered Site Assessment Supervisor
ASTM Certificate
IFCI #0874201-U2

APPENDIX A

**LABORATORY ANALYSES
CHARTS, SAMPLING LOCATION
MAP, SITE PHOTOS, AND
BOREHOLE LOGS**

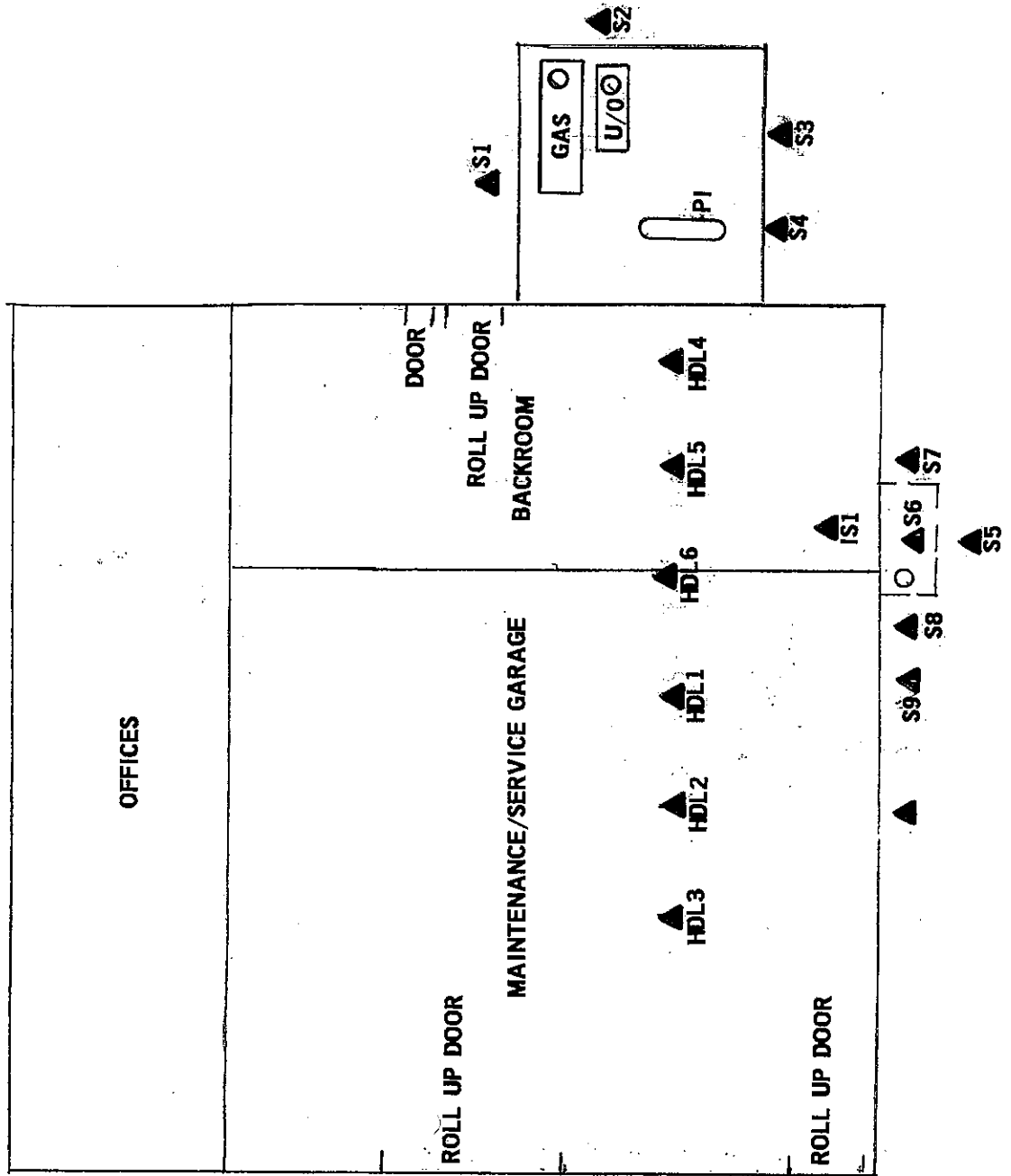
SOUTH TACOMS HONDA

ANALYSIS OF GASOLINE RANGE ORGANICS & BTEX IN SOIL BY METHOD NWTPH-GX/8260										ANALYSIS OF DIESEL RANGE ORGANICS & LUBE OIL RANGE ORGANICS IN SOIL BY METHOD NWTPH-Dx/D EXTENDED		
SAMPLE NUMBER	SAMPLE DATE	SAMPLE DEPTH	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	GASOLINE RANGE ORGANICS	DIESEL RANGE ORGANICS	LUBE OIL RANGE ORGANICS			
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg			
S1-15	8/5/2013	15'	ND	ND	ND	ND	ND	ND	ND			
S2-10	8/5/2013	10'	ND	ND	ND	ND	ND	ND	ND			
S3-14	8/5/2013	14'	ND	ND	ND	ND	ND	ND	ND			
S4	8/5/2013	12'	ND	ND	ND	ND	ND	ND	ND			
S5-14	8/5/2013	14'	ND	ND	ND	ND	ND	ND	ND			
S6-10	8/5/2013	10'	ND	ND	ND	ND	ND	ND	ND			
S7-12	8/5/2013	12'	ND	ND	ND	ND	ND	ND	ND			
S8-14	8/5/2013	14'	ND	ND	ND	ND	ND	ND	ND			
HDL1	8/5/2013	10'	ND	ND	ND	ND	ND	ND	ND			6700
HDL2	8/5/2013	10'	ND	ND	ND	ND	ND	ND	ND			ND
HDL3	8/5/2013	8'	ND	ND	ND	ND	ND	ND	ND			ND
IS-1-10	8/8/2013	10'	NA	NA	NA	NA	NA	NA	NA			ND
IS-1-15	8/8/2013	15'	NA	NA	NA	NA	NA	NA	NA			ND
S9-12	8/8/2013	12'	NA	NA	NA	NA	NA	NA	NA			ND
S9-15	8/8/2013	15'	NA	NA	NA	NA	NA	NA	NA			1900
S10-17	8/8/2013	17'	NA	NA	NA	NA	NA	NA	NA			ND
S11-12	8/8/2013	12'	NA	NA	NA	NA	NA	NA	NA			ND
S11-16	8/8/2013	16'	NA	NA	NA	NA	NA	NA	NA			ND
HDL4-9	8/8/2013	9'	NA	NA	NA	NA	NA	NA	NA			ND
HDL5-10	8/8/2013	10'	NA	NA	NA	NA	NA	NA	NA			ND
HDL6-9	8/8/2013	7'	NA	NA	NA	NA	NA	NA	NA			ND
NA = NOT ANALYZED												
METHOD DETECTION LIMITS			0.02	0.05	0.05	0.05	10	50	100			
METHOD "A" CLEAN UP LEVELS			0.03	7	6	9	30	2000	2000			

SOUTH TACOMS HONDA

ANALYSIS OF GASOLINE RANGE ORGANICS & BTEX IN WATER BY METHOD NWTPH-GX/8260											
ANALYSIS OF DIESEL & LUBE OIL RANGE ORGANICS IN WATER BY METHOD NWTPH-D/Dx EXTENDED											
SAMPLE NUMBER	SAMPLE DATE	SAMPLE DEPTH	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES	GASOLINE RANGE ORGANICS	DIESEL RANGE ORGANICS	LUBE OIL RANGE ORGANICS	UNITS	CONCENTRATION
W-1	8/5/2013		ug/L ND	ug/L ND	ug/L ND	ug/L ND	ug/L ND	ug/L ND	ug/L ND		
METHOD DETECTION LIMITS											
METHOD "A" CLEAN UP LEVELS											
ANALYSIS OF DISSOLVED METALS IN WATER BY EPA METHOD 6020A/3005A											
SAMPLE NUMBER	SAMPLE DATE	SAMPLE DEPTH	LEAD (Pb)	CADMIUM (Cd)	CHROMIUM (Cr)	ARSENIC (As)	MERCURY (Hg)				
W-1	8/5/2013		ug/L 2.9	ug/L ND	ug/L ND	ug/L ND	ug/L ND				
METHOD DETECTION LEVEL											
METHOD A CLEAN UP LEVELS											
			5	1	5	5	0.5				
			14	15	50	5	2				

**SAMPLE LOCATION MAP
7802 SOUTH TACOMA WAY
TACOMA, WA.**



SCALE 1" = 20'

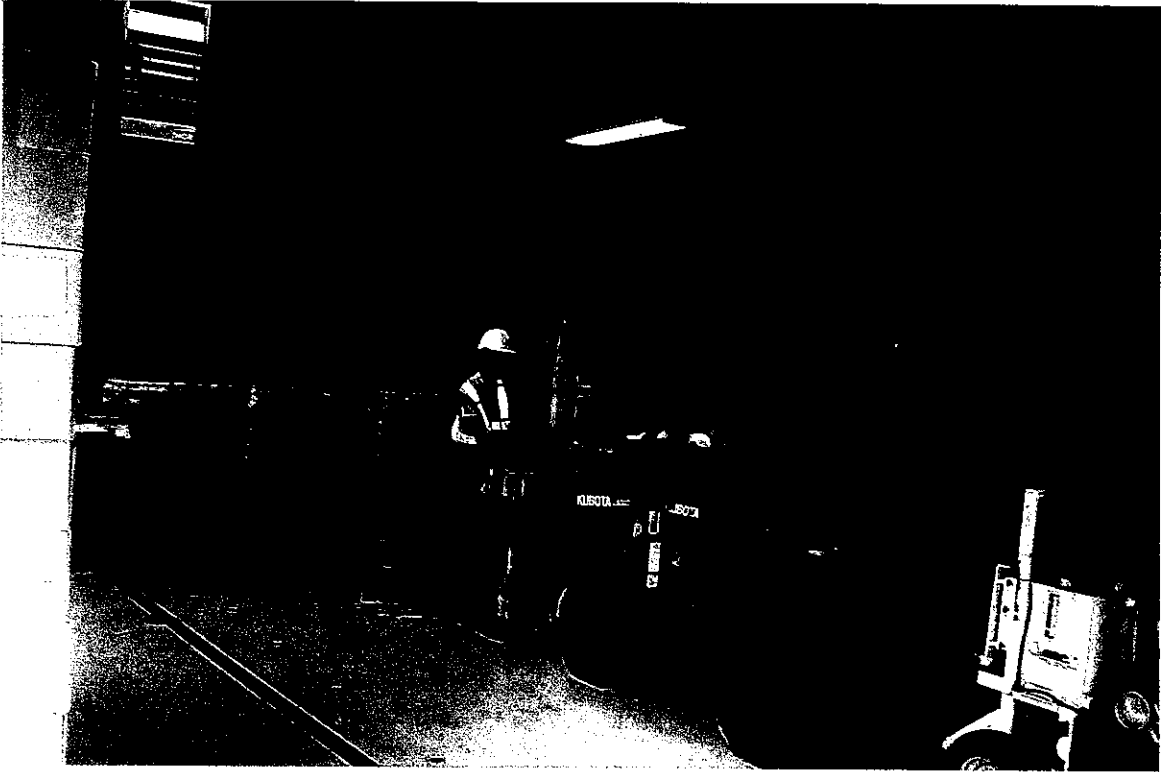


STREET MAP

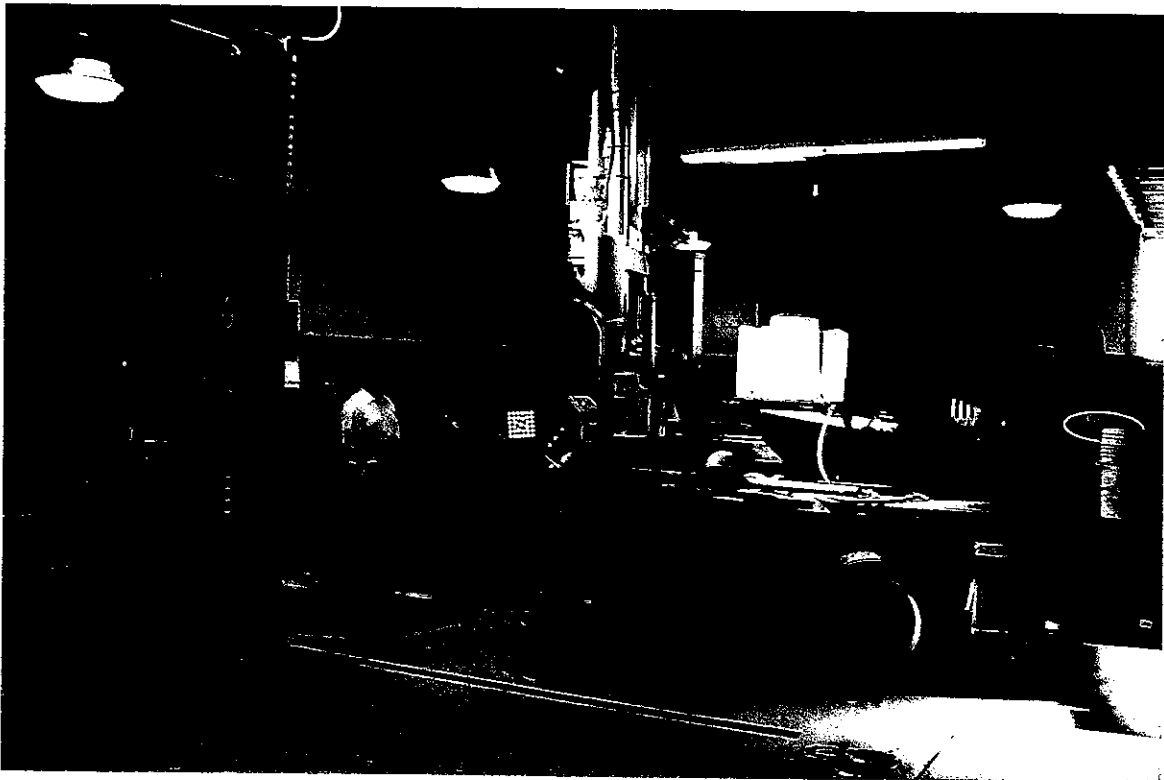


Disclaimer: The map features are approximate and are intended only to provide an indication of said feature. Additional areas that have not been mapped may be present. This is not a survey. The County assumes no liability for variations ascertained by actual survey. ALL DATA IS EXPRESSLY PROVIDED 'AS IS' AND 'WITH ALL FAULTS'. The County makes no warranty of fitness for a particular purpose. 2013/07/29

SITE PHOTOS



DIRECT PUSH SAMPLING SYSTEM AT SAMPLING LOCATION HDL5



DIRECT PUSH SAMPLING SYSTEM AT SAMPLING LOCATION HDL2

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name)

Driller/Engineer /Trainee Signature _____

Driller or Trainee License No. _____

Harrison, Don
DR
217

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>DP</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Bentonite Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p><u>DH-0680513</u></p>
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SCALE: 1" = N/A PAGE 1 OF 2

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r still REQUIRED) Lat Deg _____ Min _____ Sec _____
Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name)

Driller/Engineer /Trainee Signature _____

Driller or Trainee License No. _____

Handwritten signature: Hargaden, Don

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>D.P.</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Benbuick Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p><i>Handwritten note: DH-080513</i></p>
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SCALE: 1"=N/A PAGE 2 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. B3

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) _____

Driller/Engineer /Trainee Signature Harold, Don

Driller or Trainee License No. 2117

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____
still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>DP</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Bentonite Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand & gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: center;"><u>DH-080513</u></p>
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SCALE: 1" = N/A PAGE 3 OF 2

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

Consulting Firm _____

City Tacoma County Pierce

Unique Ecology Well ID Tag No. B4

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Driller Engineer Trainee

Name (Print Last, First Name) _____

Driller/Engineer /Trainee Signature _____

Driller or Trainee License No. _____

Haraden, Don
22
2014

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description

	Surface Seal: <u>N/A</u>	<u>Sand with gravel</u>
	Drilling Method: <u>D.P.</u>	
	Boring Diameter: <u>2 1/2"</u>	
	Backfill: <u>Bentonite Chips</u>	
	Boring Depth: <u>15</u>	

04-
DH-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

Consulting Firm _____

City Tacoma County Pierce

Unique Ecology Well IDTag No. B5

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____
still REQUIRED) Long Deg _____ Min _____ Sec _____

Driller Engineer Trainee

Name (Print Last, First Name) Harnden, Don

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 2214

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

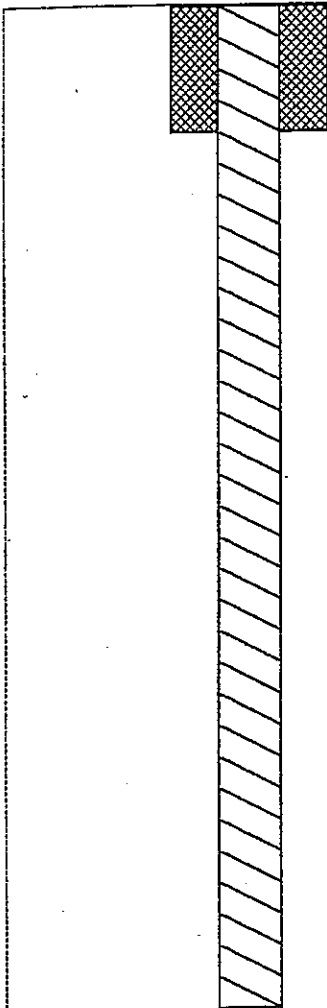
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Surface Seal: N/A

Drilling Method: D.P.

Boring Diameter: 2 1/2"

Backfill: Bentonic Chips

Boring Depth: 15

Sand with gravel

DH-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. B5a

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee
Name (Print Last, First Name) _____

Driller/Engineer /Trainee Signature Harold, Don

Driller or Trainee License No. 214

If trainee, licensed driller's Signature and License Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r still REQUIRED) Lat Deg _____ Min _____ Sec _____

Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

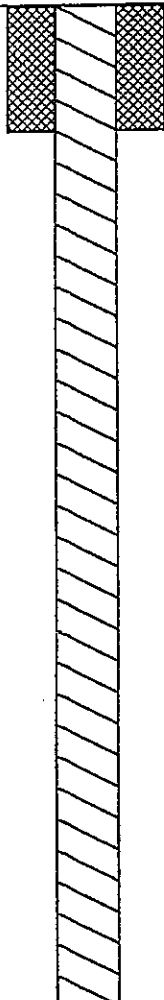
Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>DP</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Bentonite Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;"><u>DH-060513</u></p>
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Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____
still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

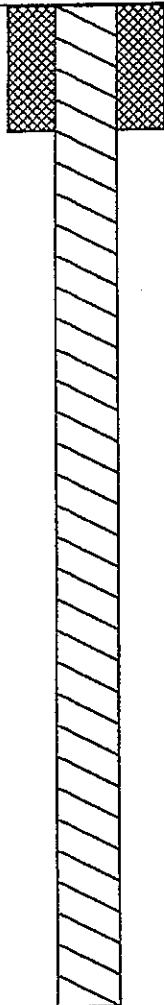
Driller Engineer Trainee

Name (Print Last, First Name) Harnden, Don

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 214

If trainee, licensed driller's Signature and License Number: _____

Construction Design	Well Data	Formation Description
	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>D.P.</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Benbowite Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;"><u>DH-080513</u></p>

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. B6a

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) _____

Driller/Engineer /Trainee Signature Harold, Don

Driller or Trainee License No. 2814

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

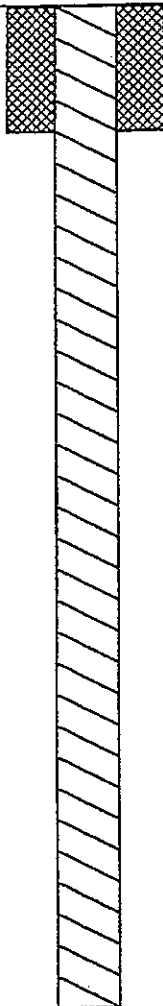
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>D.P.</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Bentonite Chips</u></p> <p>Boring Depth: <u>20</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;"><u>DH-080513</u></p>
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SCALE: 1"=N/A PAGE 8 OF 2

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. 020 B6

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Driller Engineer Trainee

Name (Print Last, First Name) Harnden, Don

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 214

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>DP</u></p> <p>Boring Diameter: <u>2 1/2'</u></p> <p>Backfill: <u>Bentonite Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;">-08 DH-080513</p>
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SCALE: 1"=N/A PAGE 10 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

Consulting Firm _____

City Tacoma County Pierce

Unique Ecology Well ID Tag No. B9

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Driller Engineer Trainee

Name (Print Last, First Name) Harnden, Don

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 214

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

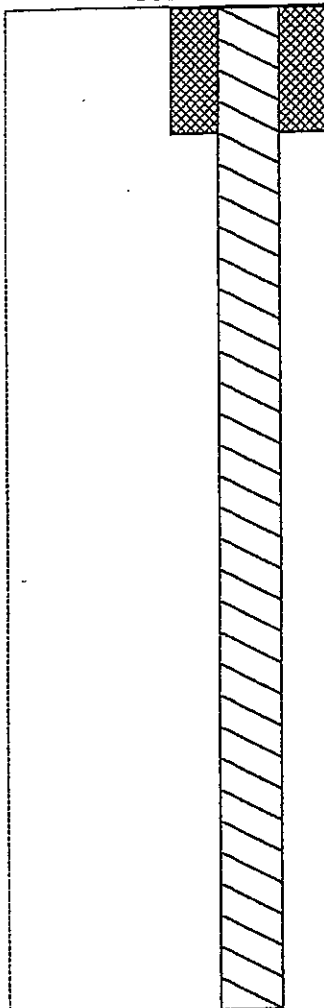
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description



Surface Seal: N/A

Drilling Method: DP

Boring Diameter: 2 1/2"

Backfill: Bentonite Chips

Boring Depth: 15

Sand with gravel

DH-080513

SCALE: 1"=N/A PAGE 11 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. 200 B17

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Steve Wally Crossley

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 31521

If trainee, licensed driller's Signature and License Number: [Signature] 2508

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2-25" Static Level -

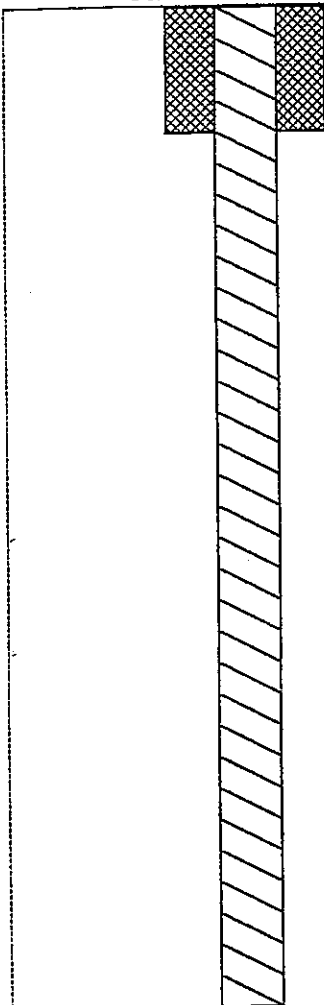
Work/Decommission Start Date 8/08/2013

Work/Decommission Completed Date: 8/08/2013

Construction Design

Well Data

Formation Description



Surface Seal: ASPHALT

Drilling Method: PIPER PUSHER

Boring Diameter: 2-25"

Backfill: BENTONITE

Boring Depth: 18'

0-12' Brown SANDY GRASSES

12-18' GRAVELLY-CORBLE BROWN SANDS

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well ID Tag No. B9a

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harnden, Don

Driller/Engineer/Trainee Signature [Signature]

Driller or Trainee License No. 217

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r still REQUIRED) Lat Deg _____ Min _____ Sec _____ Long Deg _____ Min _____ Sec _____

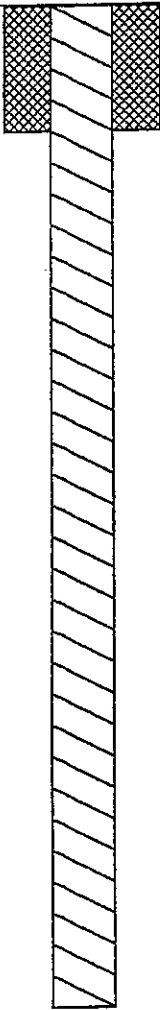
Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number: _____

Construction Design	Well Data	Formation Description
	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>DP</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Benbuick Chips</u></p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;"><u>CA</u> <u>DH-080513</u></p>

SCALE: 1" = N/A PAGE 12 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

Consulting Firm _____

City Tacoma County Pierce

Unique Ecology Well ID Tag No. B10

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Driller Engineer Trainee

Name (Print Last, First Name) _____

Driller/Engineer /Trainee Signature Harold, Don

Driller or Trainee License No. 214

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

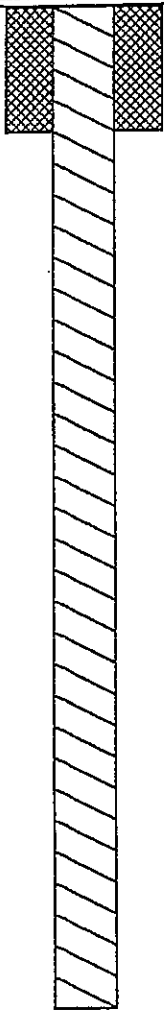
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>N/A</u></p> <p>Drilling Method: <u>D.P.</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Bentonite Chips</u></p> <p>Boring Depth: <u>10</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;">10 DH-060513</p>
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SCALE: 1"=N/A PAGE 13 OF #21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2" Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

Consulting Firm _____

Unique Ecology Well IDTag No. ~~000~~ B11

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harnden, Don

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 2814

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>P/A</u></p> <p>Drilling Method: <u>DP</u></p> <p>Boring Diameter: <u>2 1/2"</u></p> <p>Backfill: <u>Benbuite Chips</u></p> <p>Boring Depth: <u>10</u></p>	<p><u>Sand with gravel</u></p> <hr/> <hr/> <hr/> <hr/> <hr/> <p style="text-align: right;"><u>-11-</u> <u>DH-080513</u></p>
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SCALE: 1" = 10' PAGE 14 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. 1312

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) _____

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 31527

If trainee, licensed driller's Signature and License Number: _____

[Signature] 2508

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R. 02

EWM or WWM

Lat/Long (s, t, r still REQUIRED) Lat Deg _____ Min _____ Sec _____

Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2.25" Static Level _____

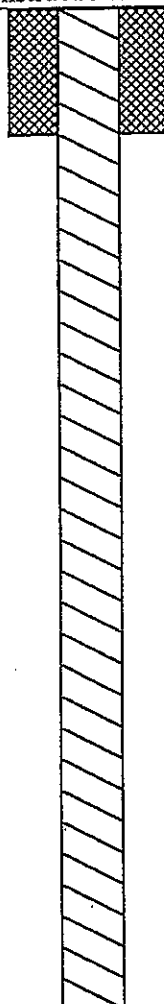
Work/Decommission Start Date _____ 8/08/2013

Work/Decommission Completed Date _____ 8/08/2013

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>CONCRETE</u></p> <p>Drilling Method: <u>DIRECT PUSH</u></p> <p>Boring Diameter: <u>2.25"</u></p> <p>Backfill: <u>BENTONITE</u></p> <p>Boring Depth: <u>10'</u></p>	<p><u>0-10' BROWN SANDY GRAVELS</u></p> <hr/> <hr/> <hr/> <hr/>
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Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well ID Tag No. 313

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Newbury, Cassy

Driller/Engineer /Trainee Signature Cassy Newbury

Driller or Trainee License No. 31521

If trainee, licensed driller's Signature and License Number:

Amya Harnden 2506

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2-25" Static Level _____

Work/Decommission Start Date: 8/08/2013

Work/Decommission Completed Date 8/08/2013

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>CONCRETE</u></p> <p>Drilling Method: <u>DIRECT PUSH</u></p> <p>Boring Diameter: <u>2-25"</u></p> <p>Backfill: <u>BENTONITE</u></p> <p>Boring Depth: <u>16'</u></p>	<p><u>0-10' BROWN SANDY GRASSES</u></p> <hr/> <hr/> <hr/> <hr/>
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SCALE: 1"= _____ PAGE 16 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. 023 B14

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Newbury, Casey

Driller/Engineer /Trainee Signature Casey Newbury

Driller or Trainee License No. 31521

If trainee, licensed driller's Signature and License Number:
Uma Harman 2508

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2.25" Static Level _____

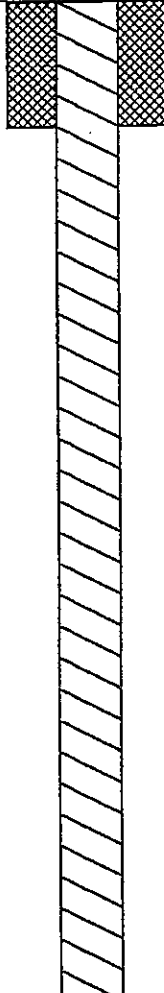
Work/Decommission Start Date 8/08/2013

Work/Decommission Completed Date: 8/08/2013

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>CONCRETE</u></p> <p>Drilling Method: <u>DIRECT PUSH</u></p> <p>Boring Diameter: <u>2.25"</u></p> <p>Backfill: <u>BENTONITE</u></p> <p>Boring Depth: <u>10'</u></p>	<p>Formation Description</p> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/> <hr/>
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Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. 001315

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) NEWBERRY, CASEY

Driller/Engineer /Trainee Signature CASEY NEWBERRY

Driller or Trainee License No. 31521

If trainee, licensed driller's Signature and License Number:

Anna Marmolen 2508

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2.25" Static Level _____

Work/Decommission Start Date 8/08/2013

Work/Decommission Completed Date 8/08/2013

Construction Design

Well Data

Formation Description

	Surface Seal: <u>CONCRETE</u>	
	Drilling Method: <u>PIVOT PUSH</u>	<u>0-12' BROWN SANDY GRANULES</u>
	Boring Diameter: <u>2.25"</u>	
	Backfill: <u>BENTONITE</u>	<u>12-16' BROWN GRANULEY SANDS</u>
	Boring Depth: <u>16'</u>	

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. 0205 B16

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Nancy M. Casey

Driller/Engineer /Trainee Signature Nancy M. Casey

Driller or Trainee License No. 31527

If trainee, licensed driller's Signature and License Number:
Uma Harnden 2508

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2.25" Static Level _____

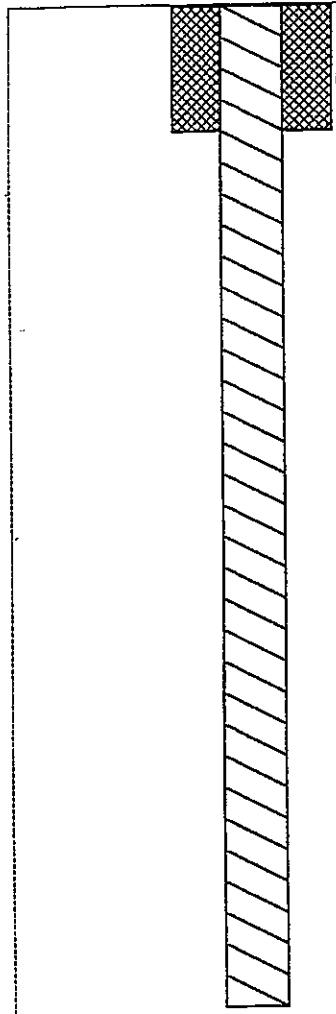
Work/Decommission Start Date 8/08/2013

Work/Decommission Completed Date 8/08/2013

Construction Design

Well Data

Formation Description



Surface Seal: ASPHALT

Drilling Method: DIRECT PUSH

Boring Diameter: 2.25"

Backfill: 3 PART ON IT

Boring Depth: 16'

0-12' BROWN SANDY GRAVELS

12-16' GRAVELY-CORBLES BROWN SANDS

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. SE48987

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number: _____

Consulting Firm _____

Unique Ecology Well IDTag No. B018

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Newbury, Casey

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 315251

If trainee, licensed driller's Signature and License Number: [Signature] 2508

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2.25" Static Level _____

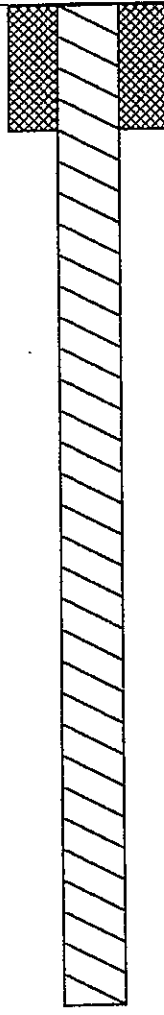
Work/Decommission Start Date, 8/08/2013

Work/Decommission Completed Date 8/08/2013

Construction Design

Well Data

Formation Description

	<p>Surface Seal: <u>ASPHALT</u></p> <p>Drilling Method: <u>DIRECT PUSH</u></p> <p>Boring Diameter: <u>2.25"</u></p> <p>Backfill: <u>BENTONITE</u></p> <p>Boring Depth: <u>18'</u></p>	<p><u>0-12' Brown sandy</u> <u>GRAVELS</u></p> <p><u>12-18'</u> <u>GRAVELLY CORALS</u> <u>Brown SANDS</u></p>
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Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 927

Consulting Firm _____

Unique Ecology Well IDTag No. B1

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harold Po

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 2914

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

- Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

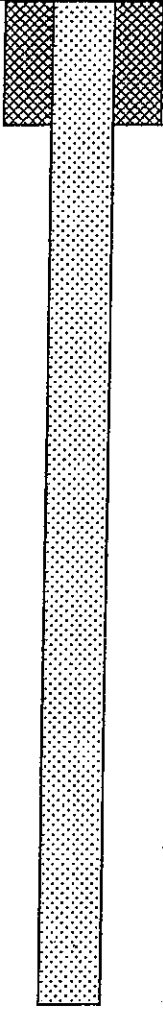
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Boring Diameter: <u>2 1/2</u></p> <p>Removed all rods from boring and backfilled with bentonite</p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <p><u>DH-01-080513</u></p>
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Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 927

Consulting Firm _____

Unique Ecology Well IDTag No. B2

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) |

Driller/Engineer /Trainee Signature Harrison Pan

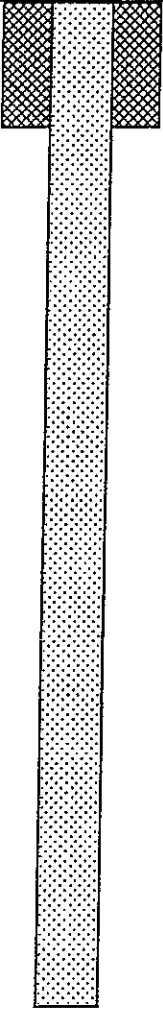
Driller or Trainee License No. 2914

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Boring Diameter: <u>2 1/2</u></p> <p>Removed all rods from boring and backfilled with bentonite</p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <p><u>DH-02-080513</u></p>
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SCALE: 1"= N/A PAGE 2 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 927

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

- Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

Consulting Firm _____

Unique Ecology Well IDTag No. B3

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harold Pan

Driller/Engineer /Trainee Signature [Signature]

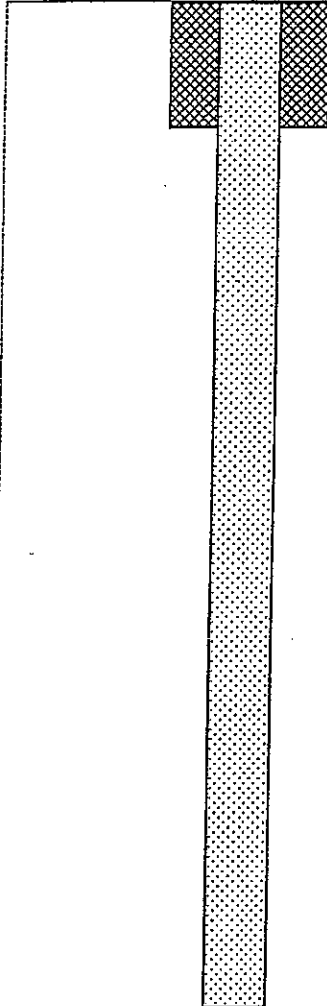
Driller or Trainee License No. 2914

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 35

Sand with gravel

D14 - 03 080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 927

Consulting Firm _____

Unique Ecology Well IDTag No. B4

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harold Pon

Driller/Engineer /Trainee Signature [Signature]

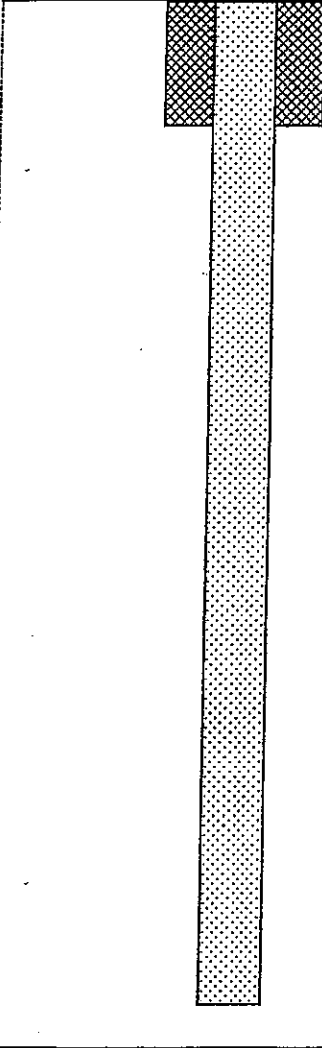
Driller or Trainee License No. 2917

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

D14-04-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. B5

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harold Po

Driller/Engineer /Trainee Signature [Signature]

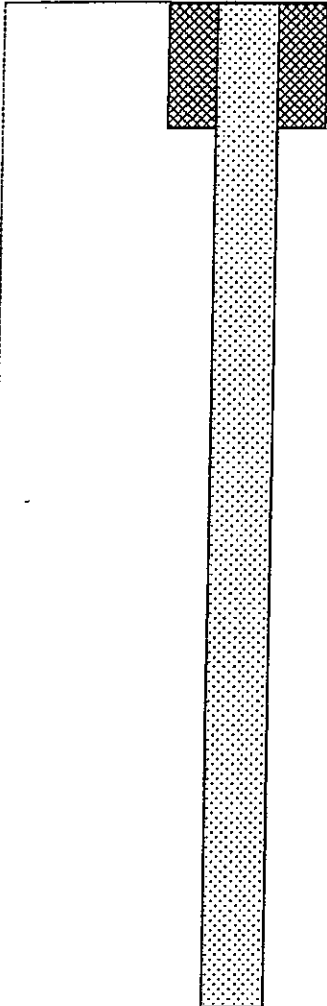
Driller or Trainee License No. 2914

If trainee, licensed driller's Signature and License Number: _____

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

D14-05-080513

SCALE: 1" = N/A PAGE 5 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

Consulting Firm _____

Unique Ecology Well IDTag No. BSA

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) |

Driller/Engineer /Trainee Signature Harold Pan

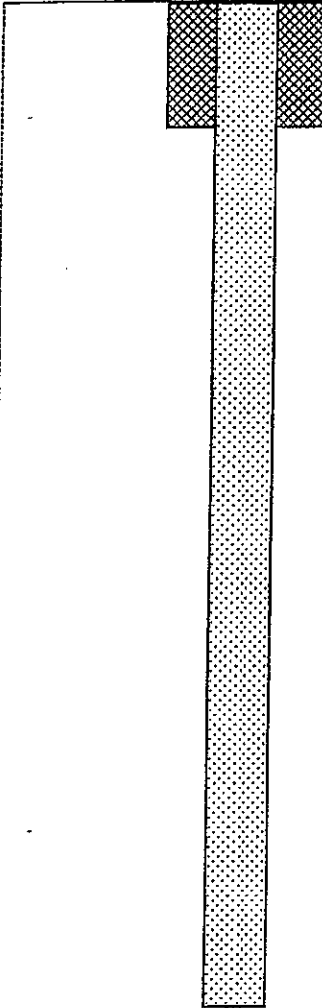
Driller or Trainee License No. 2914

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

DH - 05a - 080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. B6

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harnden Po

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 2914

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

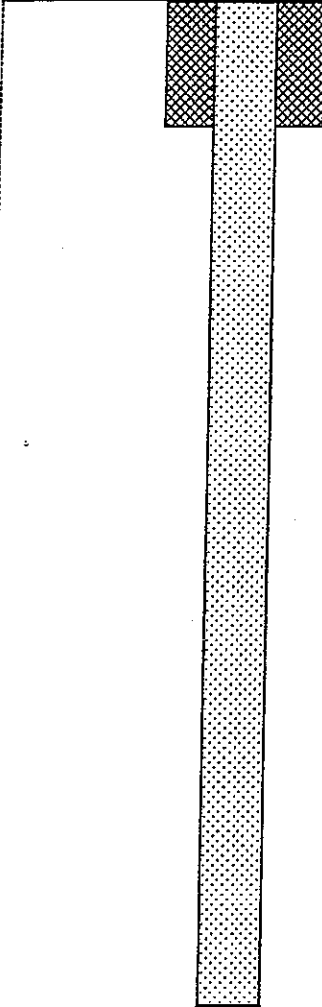
Work/Decommission Completed Date 8/5/13

If trainee; licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

D14-06-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 927

Consulting Firm _____

Unique Ecology Well IDTag No. B69

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) I

Driller/Engineer /Trainee Signature Harold P...

Driller or Trainee License No. 2914

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twm 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

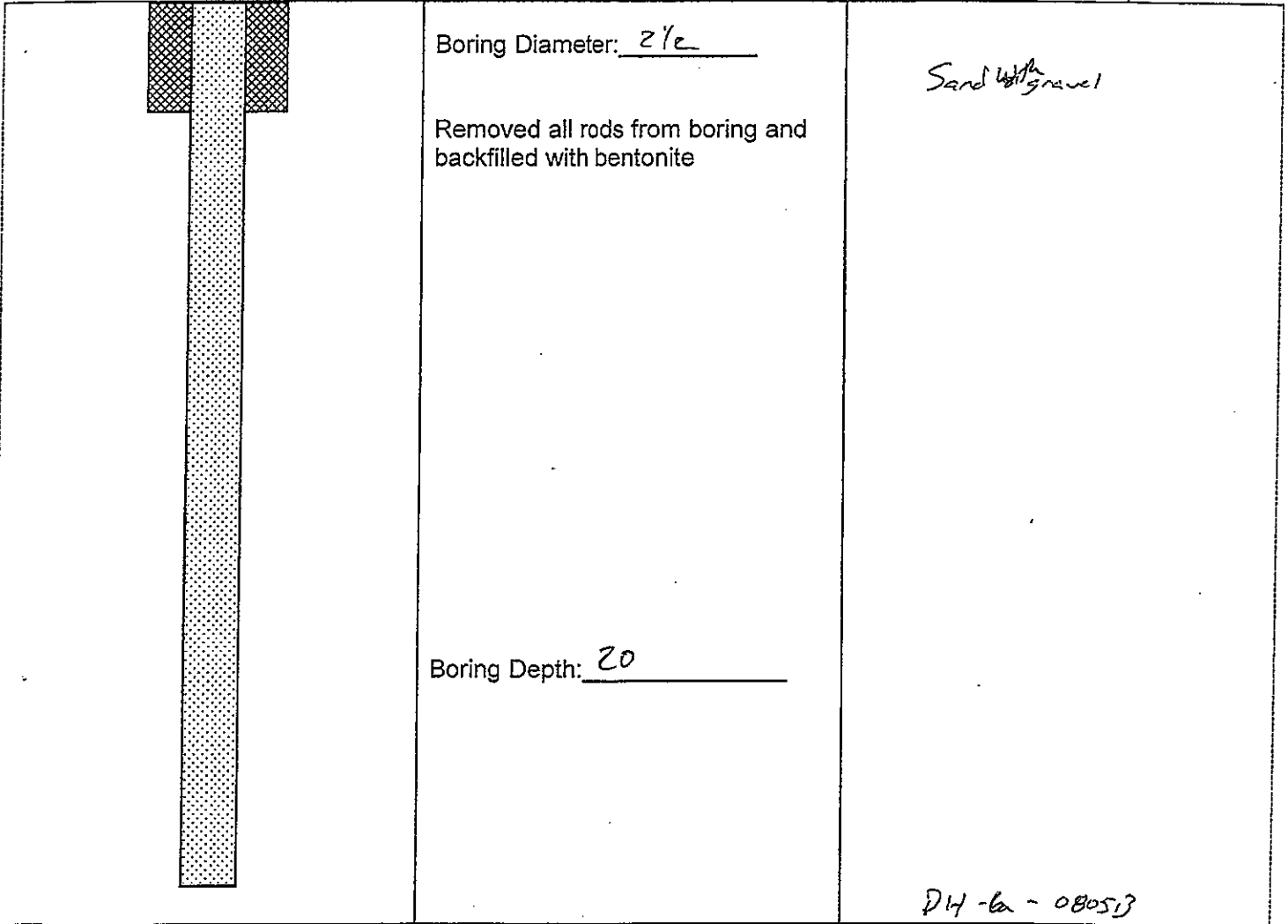
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 20

Sand with gravel

DH-6a - 080513

SCALE: 1" = N/A PAGE 8 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. B7

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

- Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Harold Po

Driller/Engineer /Trainee Signature [Signature]

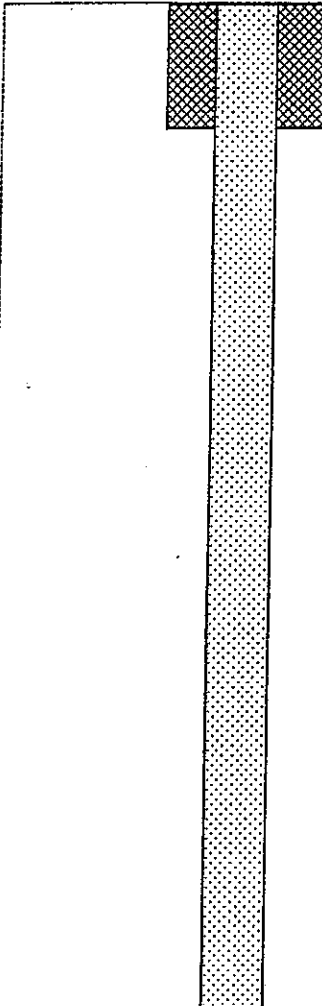
Driller or Trainee License No. 2914

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

D14-07-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. BB

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) |

Harold P...

Driller/Engineer /Trainee Signature _____

[Signature]

Driller or Trainee License No. 2914

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r Lat Deg _____ Min _____ Sec _____

still REQUIRED)

Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

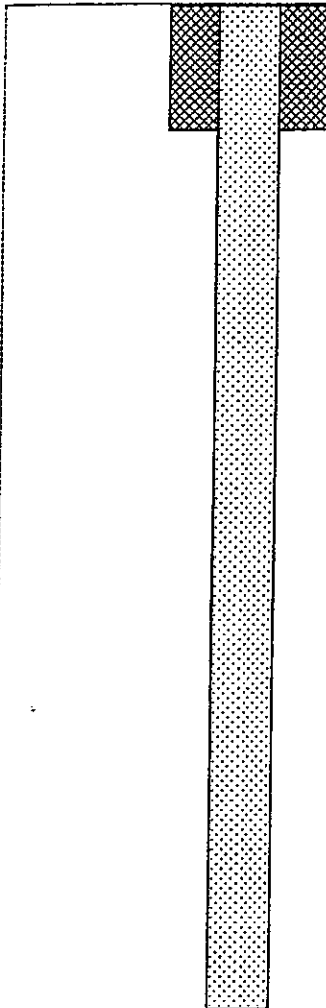
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

DH-08-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. B1

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) |

Driller/Engineer /Trainee Signature Harold Pon

Driller or Trainee License No. 2914

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

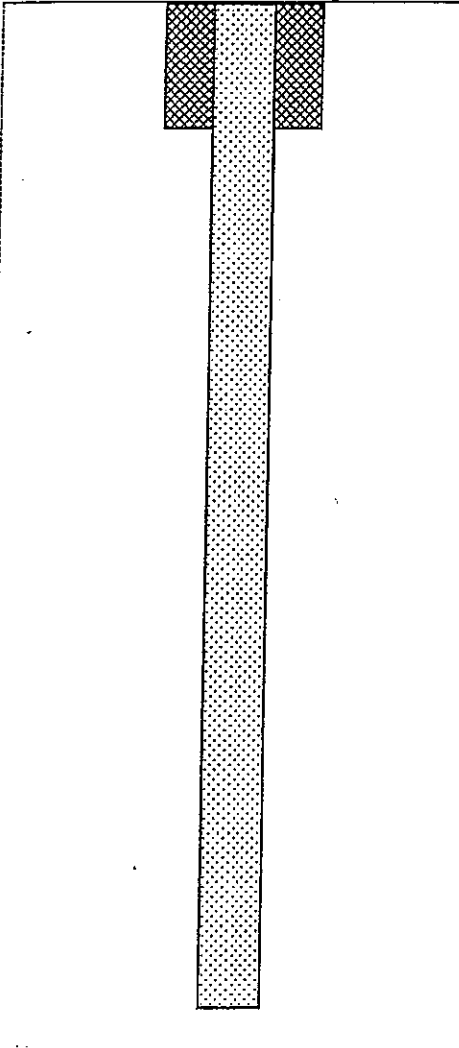
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description



Boring Diameter: 2 1/2

Removed all rods from boring and backfilled with bentonite

Boring Depth: 15

Sand with gravel

D14-09-080513

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

- Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

Consulting Firm _____

Unique Ecology Well IDTag No. B99

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) |

Harold Pa

Driller/Engineer /Trainee Signature _____

2914

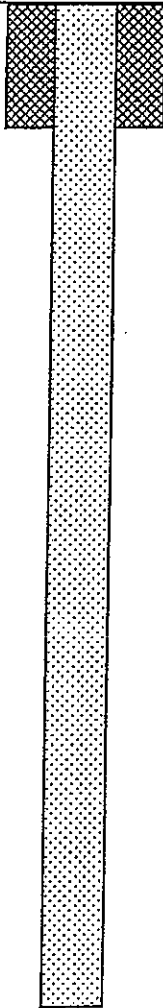
Driller or Trainee License No. _____

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Boring Diameter: <u>2 1/2</u></p> <p>Removed all rods from boring and backfilled with bentonite</p> <p>Boring Depth: <u>15</u></p>	<p><u>Sand with gravel</u></p> <p><u>D14-09a-080513</u></p>
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SCALE: 1" = N/A PAGE 12 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. B10

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) Haroldan Pa

Driller/Engineer /Trainee Signature [Signature]

Driller or Trainee License No. 2914

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

- Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

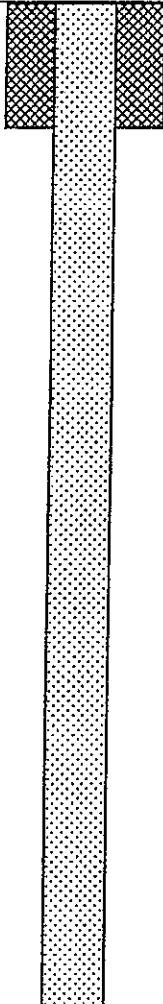
Work/Decommission Completed Date 8/5/13

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Boring Diameter: <u>2 1/2</u></p> <p>Removed all rods from boring and backfilled with bentonite</p> <p>Boring Depth: <u>10</u></p>	<p><u>Sand with gravel</u></p> <p><u>D14-10-080513</u></p>
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SCALE: 1" = N/A PAGE 13 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r still REQUIRED) Lat Deg _____ Min _____ Sec _____
Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2 1/2 Static Level dry

Work/Decommission Start Date 8/5/13

Work/Decommission Completed Date 8/5/13

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) |

Harinda Pan

Driller/Engineer /Trainee Signature _____

2914

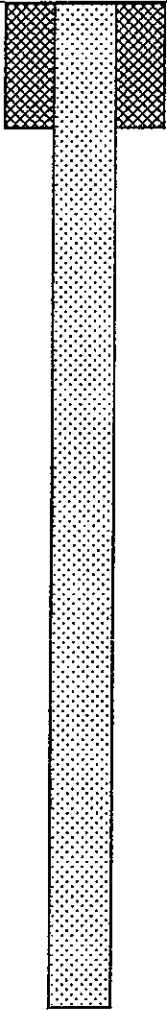
Driller or Trainee License No. _____

If trainee, licensed driller's Signature and License Number:

Construction Design

Well Data

Formation Description

	<p>Boring Diameter: <u>2 1/2</u></p> <p>Removed all rods from boring and backfilled with bentonite</p> <p>Boring Depth: <u>10</u></p>	<p><u>Sand with gravel</u></p> <p><u>DH-11 - 080513</u></p>
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SCALE: 1" = N/A PAGE 1 OF 2

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Consulting Firm _____

Unique Ecology Well IDTag No. 1312

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee
Name (Print Last, First Name) William Casey

Driller/Engineer /Trainee Signature William Casey

Driller or Trainee License No. 31521

If trainee, licensed driller's Signature and License Number:

Amia Harnden 2503

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2.25" Static Level _____

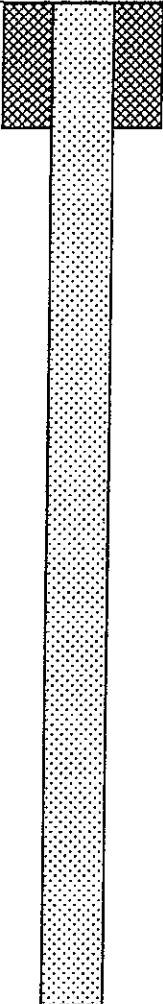
Work/Decommission Start Date 8/08/2012

Work/Decommission Completed Date 8/08/2012

Construction Design

Well Data

Formation Description

	<p>Boring Diameter: <u>2.25"</u></p> <p>Removed all rods from boring and backfilled with bentonite</p> <p>Boring Depth: <u>10'</u></p>	
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SCALE: 1"= _____ PAGE 15 OF 21

Please print, sign and return to the Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. AE23066

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission ("x" in box)

- Construction
- Decommission

Type of Well ("x" in box)

- Resource Protection
- Geotech Soil Boring

ORIGINAL INSTALLATION Notice of Intent Number:

SE 48 987

Property Owner South Tacoma Honda

Site Address 7802 S Tacoma Way

City Tacoma County Pierce

Location SE1/4-1/4 SE1/4 Sec 25 Twn 20 R 02

EWM or WWM

Lat/Long (s, t, r) Lat Deg _____ Min _____ Sec _____

still REQUIRED) Long Deg _____ Min _____ Sec _____

Tax Parcel No. 0220254028

Cased or Uncased Diameter 2-25" Static Level -

Work/Decommission Start Da. 8/08/2013

Work/Decommission Completed Date 8/08/2013

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported above are true to my best knowledge and belief.

Driller Engineer Trainee

Name (Print Last, First Name) I

Driller/Engineer /Trainee Signature Christina Harnden

Driller or Trainee License No. 31521

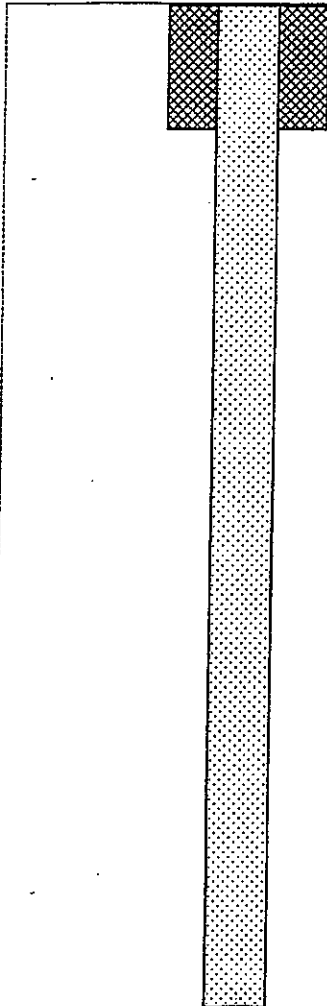
If trainee, licensed driller's Signature and License Number:

Christina Harnden 2508

Construction Design

Well Data

Formation Description



Boring Diameter: 2-25"

Removed all rods from boring and backfilled with bentonite

Boring Depth: 10'

APPENDIX B
LABORATORY ANALYSES
DATA

August 14, 2013

Paul Stemen
Stemen Environmental
P.O. Box 3644
Lacey, WA 98509

Dear Mr. Stemen:

Please find enclosed the analytical data report for the South Tacoma Honda Project in Tacoma, Washington. Probe services were conducted on August 5 & 8, 2013. Soil and water samples were analyzed for Diesel and Oil by NWTPH-Dx/Dx Extended, Gasoline by NWTPH-Gx, BTEX by Method 8260, and MTCA 5 Metals by Method 6020 on August 9 - 12, 2013.

The results of these analyses are summarized in the attached tables. All soil values are reported on a dry weight basis. Applicable detection limits and QA/QC data are included. An invoice for this work is also enclosed.

ESN Northwest appreciates the opportunity to have provided analytical services to Stemen Environmental for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we look forward to the next opportunity to work together.

Sincerely,



Michael A. Korosec
President

ESN NORTHWEST CHEMISTRY LABORATORY

Stemen Environmental, Inc.
 SOUTH TACOMA HONDA PROJECT
 Tacoma, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil
 by Method NWTPH-Dx Extended**

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	8/12/2013	8/12/2013	124	nd	nd
LCS	8/12/2013	8/12/2013	125	129%	---
S1-15	8/12/2013	8/12/2013	120	nd	nd
S1-15 Duplicate	8/12/2013	8/12/2013	121	nd	nd
S3-14	8/12/2013	8/12/2013	111	nd	nd
S2-10	8/12/2013	8/12/2013	119	nd	nd
S4	8/12/2013	8/12/2013	105	nd	nd
S5-14	8/12/2013	8/12/2013	112	nd	nd
S6-10	8/12/2013	8/12/2013	113	nd	nd
S7-12	8/12/2013	8/12/2013	120	nd	nd
S8-14	8/12/2013	8/12/2013	105	nd	6700
HDL1	8/12/2013	8/12/2013	104	nd	nd
HDL2	8/12/2013	8/12/2013	106	nd	nd
HDL3	8/12/2013	8/12/2013	112	nd	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Stemen Environmental, Inc.
 SOUTH TACOMA HONDA PROJECT
 Tacoma, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Soil by Method NWTPH-Gx/8260C/5035A

Sample Number	Date Prepared	Date Analyzed	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Gasoline Range Organics (mg/kg)	Surrogate Recovery (%)
Method Blank	8/12/2013	8/12/2013	nd	nd	nd	nd	nd	100
LCS	8/12/2013	8/12/2013	99%	110%	88%	101%	118%	97
LCSD	8/12/2013	8/12/2013	93%	84%	81%	89%	---	93
S1-15	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	101
S3-14	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	97
S2-10	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	102
S2-10 Duplicate	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	93
S4	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	101
S5-14	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	94
S6-10	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	95
S7-12	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	102
S8-14	8/7/2013	8/12/2013	nd	nd	nd	nd	nd	110
Reporting Limits			0.02	0.05	0.05	0.15	10	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE & LCS: 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Stemen Environmental, Inc.
SOUTH TACOMA HONDA PROJECT
Tacoma, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

Analysis of Gasoline Range Organics & BTEX in Water by Method NWTPH-Gx/8260C/5030C

Sample Number	Date Analyzed	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	Gasoline Range Organics (ug/L)	Surrogate Recovery (%)
Method Blank	8/9/2013	nd	nd	nd	nd	nd	88
LCS	8/9/2013	120%	112%	122%	113%	85%	76
LCSD	8/9/2013	91%	106%	102%	105%	---	69
W-1	8/9/2013	nd	nd	nd	nd	nd	119
Trip Blank	8/9/2013	nd	nd	nd	nd	nd	102
Reporting Limits		1.0	1.0	1.0	3.0	100	

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE & LCS: 65% TO 135%

ESN NORTHWEST CHEMISTRY LABORATORY

Stemen Environmental, Inc.
SOUTH TACOMA HONDA PROJECT
Tacoma, Washington

ESN Northwest
1210 Eastside Street SE Suite 200
Olympia, WA 98501
(360) 459-4670 (360) 459-3432 Fax
lab@esnnw.com

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Water
by Method NWTPH-Dx Extended**

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (ug/L)	Lube Oil Range Organics (ug/L)
Method Blank	8/9/2013	8/9/2013	134	nd	nd
LCS	8/9/2013	8/9/2013	129	76%	---
W-1	8/9/2013	8/9/2013	134	nd	nd
Reporting Limits				250	500

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

ESN NORTHWEST CHEMISTRY LABORATORY

Stemen Environmental, Inc.
SOUTH TACOMA HONDA PROJECT
Tacoma, Washington

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1210 Eastside Street SE Suite 200
Olympia, WA 98501
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Analysis of Total Metals in Water by EPA Method 6020A/3005A

Sample Number	Date Analyzed	Lead (Pb) (ug/L)	Cadmium (Cd) (ug/L)	Chromium (Cr) (ug/L)	Arsenic (As) (ug/L)	Mercury (Hg) (ug/L)
Method Blank	8/8/2013	nd	nd	nd	nd	nd
W-1	8/8/2013	2.9	nd	nd	nd	nd
W-1 Duplicate	8/8/2013	2.8	nd	nd	nd	nd
Reporting Limits		2.0	2.0	10	2.0	1.0

"nd" Indicates not detected at listed detection limits.

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QA/QC Data - Total Metals in Water by EPA Method 6020A/3005A

	Laboratory Control Sample			Laboratory Control Duplicate			RPD (%)
	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	Spiked Conc. (ug/L)	Measured Conc. (ug/L)	Spike Recovery (%)	
Lead	20.0	19.4	97.0	20.0	19.8	99.0	2.04
Cadmium	20.0	20.0	100	20.0	20.4	102	1.98
Chromium	20.0	20.6	103	20.0	21.1	106	2.40
Arsenic	20.0	19.6	98.0	20.0	20.5	103	4.49
Mercury	2.00	2.00	100	2.00	2.06	103	2.96

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 80%-120%
 ACCEPTABLE RPD IS 35%

CHAIN-OF-CUSTODY RECORD

7812 South Tacoma Hwy

CLIENT: Greer Environmental Inc **DATE:** 8/6/13 **PAGE:** 1 **OF:** 1
ADDRESS: Box 2644 Leary, WA **PROJECT NAME:** South Tacoma Hwy PA
PHONE: 360 4389574 **FAX:** **LOCATION:** Tacoma, WA
CLIENT PROJECT #: South Tacoma Hwy **PROJECT MANAGER:** Paul Strain **COLLECTOR:** Paul Strain **DATE OF COLLECTION:** 8/6

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES										NOTES	Total Number of Containers	Laboratory Note Number		
					TPH - HCD	TPH - Diesel & Oil	BTEX	VOC 8260	Semivol 8270	PAH's 8270	CL pesticides 8081	RCRA 8 Metals	Pb	Asbestos - PLM				GRO Suite	DRO Suite
1. SH-15	15		Soil	Coltass	X	X	X	X	X	X	X	X	X	X	X	X	X		
2. 53-14	14		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
3. 52-10	10		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
4. 54	12		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
5. 55-14	14		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
6. 56-10	10		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
7. 56-14	14		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
8. 57-12	12		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
9. 57-15	15		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
10. 58-14	14		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
11. 40L1	10		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
12. 40L2	10		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
13. 55-13	12		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
14. 40L3	8		"	"	X	X	X	X	X	X	X	X	X	X	X	X	X		
15.																			
16.																			
17. W-1				Glass	X	X	X	X	X	X	X	X	X	X	X	X	X		
18.																			

RELINQUISHED BY (Signature): [Signature] **DATE/TIME:** 1430
RECEIVED BY (Signature): [Signature] **DATE/TIME:** 8-6-13
RELINQUISHED BY (Signature): [Signature] **DATE/TIME:** 1430
RECEIVED BY (Signature): [Signature] **DATE/TIME:** 9-6-13

LABORATORY NOTES:
 TOTAL NUMBER OF CONTAINERS
 CHAIN OF CUSTODY SEALS Y/N/NA
 SEALS INTACT? Y/N/NA
 RECEIVED GOOD COND./COLD
 NOTES:

ESN NORTHWEST CHEMISTRY LABORATORY

Stemen Environmental, Inc
 7802 SOUTH TACOMA WAY PROJECT
 Tacoma, Washington

ESN Northwest
 1210 Eastside Street SE Suite 200
 Olympia, WA 98501
 (360) 459-4670 (360) 459-3432 Fax
 lab@esnvw.com

**Analysis of Diesel Range Organics & Lube Oil Range Organics in Soil
 by Method NWTPH-Dx Extended**

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Diesel Range Organics (mg/kg)	Lube Oil Range Organics (mg/kg)
Method Blank	8/22/2013	8/23/2013	75	nd	nd
LCS	8/22/2013	8/27/2013	103	68%	---
IS-1-10	8/22/2013	8/23/2013	73	nd	nd
IS-1-15	8/22/2013	8/27/2013	91	nd	nd
S11-12	8/22/2013	8/27/2013	88	nd	nd
S11-16	8/22/2013	8/27/2013	87	nd	nd
S-9-12	8/22/2013	8/27/2013	88	nd	nd
S9-15	8/22/2013	8/27/2013	96	nd	1900
S10-17	8/22/2013	8/23/2013	88	nd	nd
HDL4-8	8/22/2013	8/23/2013	86	nd	nd
HDL5-10	8/22/2013	8/23/2013	82	nd	nd
HDL6-9	8/22/2013	8/23/2013	84	nd	nd
HDL6-9 Duplicate	8/22/2013	8/27/2013	92	nd	nd
Reporting Limits				50	100

"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE : 50% TO 150%

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Tacoma, Washington

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Analysis of Gasoline Range Organics in Soil by Method NWTPH-Gx

Sample Number	Date Prepared	Date Analyzed	Surrogate Recovery (%)	Gasoline Range Organics (mg/kg)
Method Blank	8/15/2013	8/21/2013	112	nd
LCS	8/15/2013	8/21/2013	112	112%
IS-1-10	8/15/2013	8/21/2013	119	nd
IS-1-15	8/15/2013	8/21/2013	113	nd
S11-12	8/15/2013	8/21/2013	109	nd
S11-16	8/15/2013	8/21/2013	114	nd
S-9-12	8/15/2013	8/21/2013	101	nd
S9-15	8/15/2013	8/21/2013	109	nd
S10-17	8/15/2013	8/21/2013	120	nd
HDL4-8	8/15/2013	8/21/2013	117	nd
HDL5-10	8/15/2013	8/21/2013	111	nd
HDL6-9	8/15/2013	8/21/2013	116	nd
HDL6-9 Duplicate	8/15/2013	8/21/2013	114	nd
Reporting Limits				10

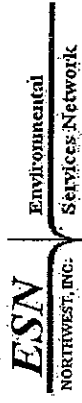
"nd" Indicates not detected at the listed detection limits.

"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE: 65% TO 135%

253604
4878

CHAIN-OF-CUSTODY RECORD



CLIENT: STEMEN ENVIRONMENTAL INC
 ADDRESS: PO BOX 3649
 PHONE: 360 438-7571 FAX:
 CLIENT PROJECT #: 9802 SOUTHVIKEMA PROJECT MANAGER: Paul Stevens

DATE: 8-8-2013 PAGE 1 OF 1
 PROJECT NAME: 2002 South Vikema Way
 LOCATION: Trepana West
 COLLECTOR: Paul Stevens DATE OF COLLECTION: 8/8

Sample Number	Depth	Time	Sample Type	Container Type	ANALYSES										NOTES	Total Number of Containers	Laboratory Note Number										
					TPH - HClD	TPH - Diesel & Oil	BTEX	VOC 8260CL	Semivol 8270	PAH's 8270	PCB's 8082	CL Pesticides 8091	MTCA 5 Metals	Asbestos - PLM				GRO Suite	DRO Suite	WFO Suite							
1. DS-1-10	1A		S/L	JMC	9																						
2. DS1-15	11				9																						
3. SH-12	12				9																						
4. SH-16	16				9																						
5. SS9-12	12				9																						
6. SS-15	15				9																						
7. S10-17	17				9																						
8. HOLD-9	9				9																						
9. HOLD-10	10				9																						
10. HOLD-7	7				9																						
11.																											
12.																											
13.																											
14.																											
15.																											
16.																											
17.																											
18.																											

RELINQUISHED BY (Signature): [Signature] DATE/TIME: 8-15-13
 RECEIVED BY (Signature): [Signature] DATE/TIME: 8-15-13
 TOTAL NUMBER OF CONTAINERS:
 CHAIN OF CUSTODY SEALS Y/N/NA:
 SEALS INTACT? Y/N/NA:
 RECEIVED GOOD COND./COLD:
 NOTES: