Robert D. Miller Consulting INC.
Construction Management • Environmental Services

December 13, 2007

Brianne Harcourt
Ecology – Central Region
15 West Yakima Ave, Suite 200
Yakima, WA 98902-3452

Re: Jack's Grocery
706 S Columbus Ave
Goldendale, WA

Ecology ID # 100342

RDM # SJ-UST1

In regards to the above referenced site, the purpose of this letter is to correct some errors within the letter report titled "Monitor Wells and Compliance Testing", dated November 14, 2007. Specifically, groundwater flow direction and monitoring well elevations were reported in error. Revised Figure 1 –Groundwater Map and revised Table 1 – Static Water Levels are attached.

The report incorrectly indicated the groundwater flow direction was north 24° east at a slope of 0.0052 ft/ft. The corrected data shows that the inferred groundwater flow direction is south 68° west at a slope of 0.003 ft/ft.

The attached static water level table shows the corrected values for ground surface elevations of all three monitor wells, and corrected well depth and bottom elevation of MW2.

I apologize for the mistake. However, the corrections do not change either the conclusions or recommendations of the report. If you have any other questions or comments, please advise.

Sincerely,

Robert D Miller

Robert D Miller, LHG
President

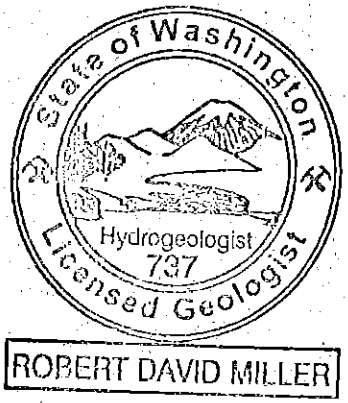
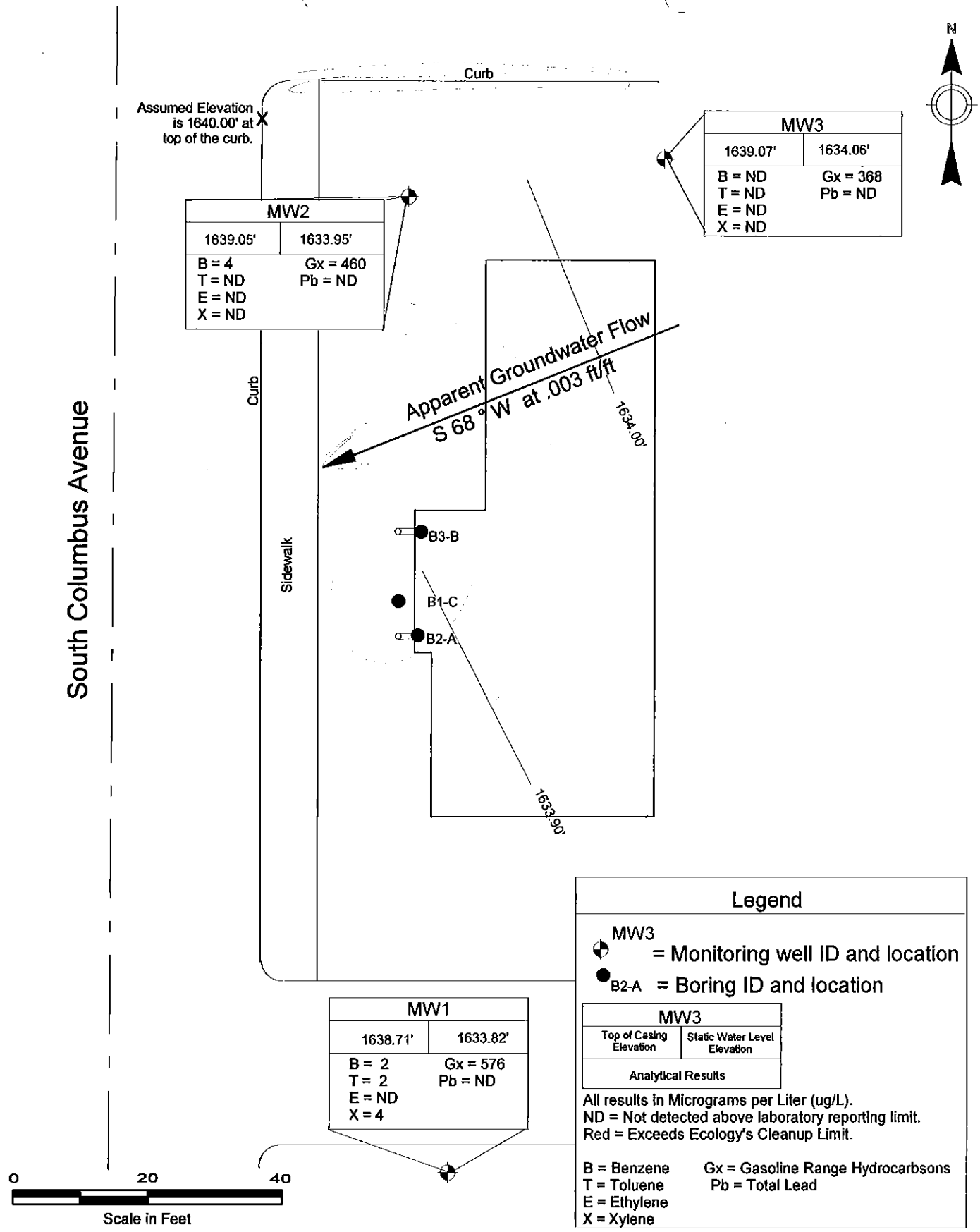


Table 1 - Static Water Levels (SWL) of Groundwater in Feet (revised 12-13-07)

Jack's Grocery, Goldendale, Washington

Location and Physical Data		Date	Measured Depth to SWL	Calc. SWL Elevations	Rise+/Fall - Between Events
MW1					
Ground Surface Elevation	1639.04	10/15/07	4.89	1633.82	--
Top of Casing Elevation	1638.71				
Well Bottom Elevation	1632.32				
Dpth of Well	6.39				
MW2					
Ground Surface Elevation	1639.48	10/15/07	5.10	1633.95	--
Top Of Casing Elevation	1639.05				
Well Bottom Elevation	1631.25				
Depth of Well	7.80				
MW3					
Ground Surface Elevation	1639.47	10/15/07	5.01	1634.06	--
Top Of Casing Elevation	1639.07				
Well Bottom Elevation	1631.20				
Depth of Well	7.87				
Site Average for MW1-MW3					
		10/15/07	5.00	1633.94	--



Robert D. Miller Consulting, Inc.
Drawn by: DT
Sampled: 10/15/07
Map Revised: 12/13/07

A1

Fig. 1 - Groundwater Map

Jack's Grocery
706 South Columbus Street
Goldendale, Washington 98620

Robert D. Miller Consulting
INC.
Environmental Services • Project Management

November 14, 2007

Brianne Harcourt
Ecology – Central Region
15 West Yakima Ave, Suite 200
Yakima, WA 98902-3452

Re: Jack's Grocery
706 S Columbus Ave
Goldendale, WA

Ecology ID # 100342

RDM # SJ-UST1

MONITOR WELLS AND COMPLIANCE TESTING

This report is a follow-up to the meeting with you, Steve Johnston (previous land owner and my Client) and I on Wednesday, August 15th, 2007 and subsequent correspondence between you and I, dated August 29th and September 27, 2007. At our Client's request and per discussions, we have conducted further actions.

The completed tasks include:

- Set three monitor wells, i.e., MW1, MW2 and MW3.
- Collected soil samples from three borings in front of the building.
- Collected groundwater samples from each monitor well and one boring.
- Provided groundwater slope and direction analysis.

The groundwater gradient map, locations of monitor wells, borings and samples are shown in Figures 1, 2 and 3 on pages A1, A2 and A3. Physical and analytical soil and groundwater data are summarized in Tables 1, 2 and 3 on pages A4, A5 and A6. Detailed lab reports with Chain of Custody forms are presented on pages A7 through A21, and well reports are shown on pages A22 through A24.

SUMMARY OF WORK AND RESULTS

On October 15, 2007 personnel with Robert D Miller Consulting, Inc (RDM) attempted to hand augur three holes in front of the existing building to assess residual concentrations of TPH-Gx and BTEX in soil and groundwater. Our Client had saw cut the concrete walkway in front of the remodeled office building and cleared most of the rocks to a depth of 1 ½ feet. However, some near surface obstructions prevented us from boring at two of the three proposed

P.O. Box 514 • West Linn, OR 97068 • (503) 650-7726 • FAX 650-7731

locations. We were able to complete the center hole, B1, and obtain both soil and groundwater samples.

On the same date, we installed three monitor wells. At each location we hand augured through the clayey silt and fine sand formation to the top of basalt rock. Groundwater was encountered at a depth of about five feet below ground surface (bgs) at all locations. As planned, the three monitor wells were completed to top of rock at the locations shown on the attached drawing, i.e., one up gradient and two down gradient from the release source. These are labeled as monitor wells MW1, MW2 and MW3. Well reports have been filed with Ecology, and copies are attached.

After purging about 15 gallons of water from each well to remove most of the turbidity, groundwater samples were collected. Each was tested at the laboratory, and the results indicate general compliance with Ecology's MTCA, method A rules. The specific test results are interesting, and make this site a potential candidate for site closure. Details of the activities are noted below:

1. Soil - Hand augur boring B1 was located adjacent to the middle of the front of the building. Due to proximity to the building foundation, the boring could only be extended straight down through native clayey silt and into a 4-inch thick layer of gray stained petroleum contaminated soil. The soil sample was collected in this layer at a depth of 6 feet 9 inches below ground surface (bgs). Field screening suggested that this was the most contaminated zone, as the boring continued to refusal on rock at 8 feet bgs and the deeper soil appeared "clean". The residual contamination was previously defined in 1992 as a soil layer between 6 and 6 1/2 feet bgs, which is close to the same depth on this date considering a slight change in surface elevation due to building remodeling and site re-grading work. Field screening provided only a trace of weathered gasoline odor. Field screening tended to agree with the laboratory reported NWTPH-Gx result as below the reporting limit of 20 milligrams per kilogram (mg/Kg) and BTEX below detection limits, except xylenes at 0.47 mg/Kg. These soil test results are in compliance with MTCA, method A requirements.

2. BTEX in water – A groundwater sample was collected from the same B1 boring and was absent of BTEX compounds above the laboratory reporting limit of 1 ug/L. In fact, individual water samples from all three monitor wells were also in compliance with MTCA, method A cleanup limits for BTEX compounds.

3. TPH-Gx in water – Total petroleum hydrocarbons (TPH) in the gasoline range (Gx) were detected at relatively low levels in water samples collected from all four locations (boring B1 and three monitor wells). Only water from boring B1 at 1090 micrograms per Liter (ug/L) exceeded the MTCA, method A limit of 800 ug/L. Note that 800 ug/L is allowed when

benzene is not present. What was unexpected is that southern up gradient monitor well MW1 contained any TPH at all. With noticeable northerly slope to the land and groundwater gradient, TPH contamination in the up gradient well at this site suggests a potential off-site source. If Ecology accepts a potential off-site source as contributing to the total pollution at the Subject property, then the contribution of on-site contamination would be insignificant. Specifically, the concentration of 576 ug/L in up gradient MW1would be subtracted from the 1090 ug/L value, making the net difference 514 ug/L. This small net difference would be interpreted to mean that the release from this site is in compliance with MTCA, method A limit for TPH.

northerly slope?

4. Total Lead in water –For this event the laboratory initially performed the test without filtration and the test results indicated the presence of lead at concentrations up to 63 ug/L, which is above the MTCA, method A limit of 15 ug/L. At my direction, the tests were rerun using a 50 micron filter, and the results are all "not detected", i.e., below 5 ug/L. Filtration is acceptable to Ecology for the removal of naturally occurring inorganic substances per WAC 173-340-720 (9) (b). Lead is a naturally occurring inorganic material, therefore meets the criteria for filtering. In my opinion, the rerun test results follow proper methodology and demonstrate compliance with MTCA, method A requirements.

   In addition, I suggest that future testing be halted for the following reasons:

   - In August of 1992 lead was detected at 16 mg/Kg in only one of two soil samples tested. Washington MTCA, method A allows lead in soil up to 250 mg/Kg based upon "preventing unacceptable blood levels." Oregon allows lead in soil up to 30 mg/Kg, based upon leaching to groundwater. Both states have a groundwater limit of 15 ug/L. My point is that 16 mg/Kg in soil cannot produce more that 15 ug/L in groundwater.
   - I submit that in 1992 the initial lead concentration of 55 ug/L found in pit water was invalid. As noted in the letter on page C19 of RDM report dated October 7, 1992, the test method was in dispute between Wy'East lab and Ecology's guidance document. Further, that water sample was never filtered. Compared to this event's differences between filtered and unfiltered tests, filtering in 1992 would have eliminated the reportable concentration.
   - In May of 1995 we performed a Site Check for Mr Johnston. Two unfiltered groundwater samples were collected from the residual contaminated soil and tested for total lead via ICP method with a detection limit of 40 ug/L. Both results were not detected.

   Given current and historical data from this site, I infer that residual lead in soil at this site cannot and did not impact the groundwater above the

MTCA, method A limit of 15 ug/L, and there currently exists no total lead in groundwater above MTCA, method A limits.

5. Soil - Late in October, Mr Steve Johnston elongated the surface openings at B2 and B3 (in front of the existing building) and cleared the openings of gravel and rocks up to 3-inches diameter to a depth of about 2 ½ feet. On October 31, 2007 I was able to return and hand augur diagonally beneath the existing building and into the residual gray stained contaminated soil at these locations. Additional soil samples were collected at depths of about 7 feet bgs, where the soil appeared most impacted by petroleum. The laboratory test results show that the highest NWTPH-Gx result was 82 mg/Kg in boring B3 at the north end of the building. Neither BTEX nor naphthalene compounds were detected in either sample. Ecology's limits for these compounds are shown at the bottom of Table 3. Given the laboratory's low detection limits and good surrogate recoveries, all test results for the soil samples at these two locations are below Ecology's method A cleanup levels.

CONCLUSIONS

I submit that all soil and groundwater samples obtained for this event followed proper QA/QC protocol. All samples were individually sealed and placed on ice in a cooler, and were accompanied with chain of custody form to the laboratory within 24 hours of collection. **Assuming some impact from an off-site source, all test results for this event appear to be in compliance with Ecology's MTCA, method A requirements for site closure.**

RECOMMENDATIONS

I offer the following:

- Three more consecutive quarterly groundwater events must demonstrate compliance, before Ecology may issue a "No Further Action" letter. I recommend that the next quarterly groundwater event should occur on or about January 15, 2008.
- The additional data from three more events will help solidify seasonal variations in groundwater gradient and will help clarify whether there is TPH-Gx impact to this site by potential off-site source.
- Since soil is now in compliance with MTCA, method A requirements, I recommend that all future testing of soil be discontinued.
- Future tests should be limited to groundwater and should include only BTEX and TPH-Gx. I recommend that future testing for lead be discontinued, as explained above.
- I believe that there is no need for further cleanup actions at this time, only compliance monitoring of groundwater.

It is the Client's stated intent to pursue site closure as quickly as possible. I believe that Ecology currently has enough information to close the impact to soil issue without a Restrictive Covenant (refer to page 3, item 1, your letter dated December 12, 2006). Ecology's timely written concurrence or notations regarding my assessment and recommendations would be most appreciated. If you have questions or require clarifications, please contact me at your convenience.

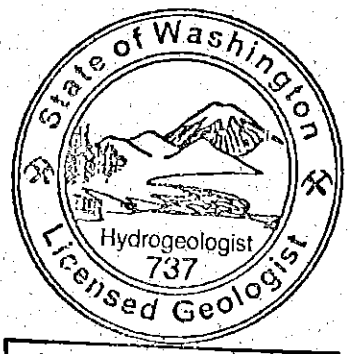
Sincerely,

Robert D Miller

Robert D Miller, LHG
Lic Resource Protection Well Driller
Licensed Hydrogeologist

Attachments

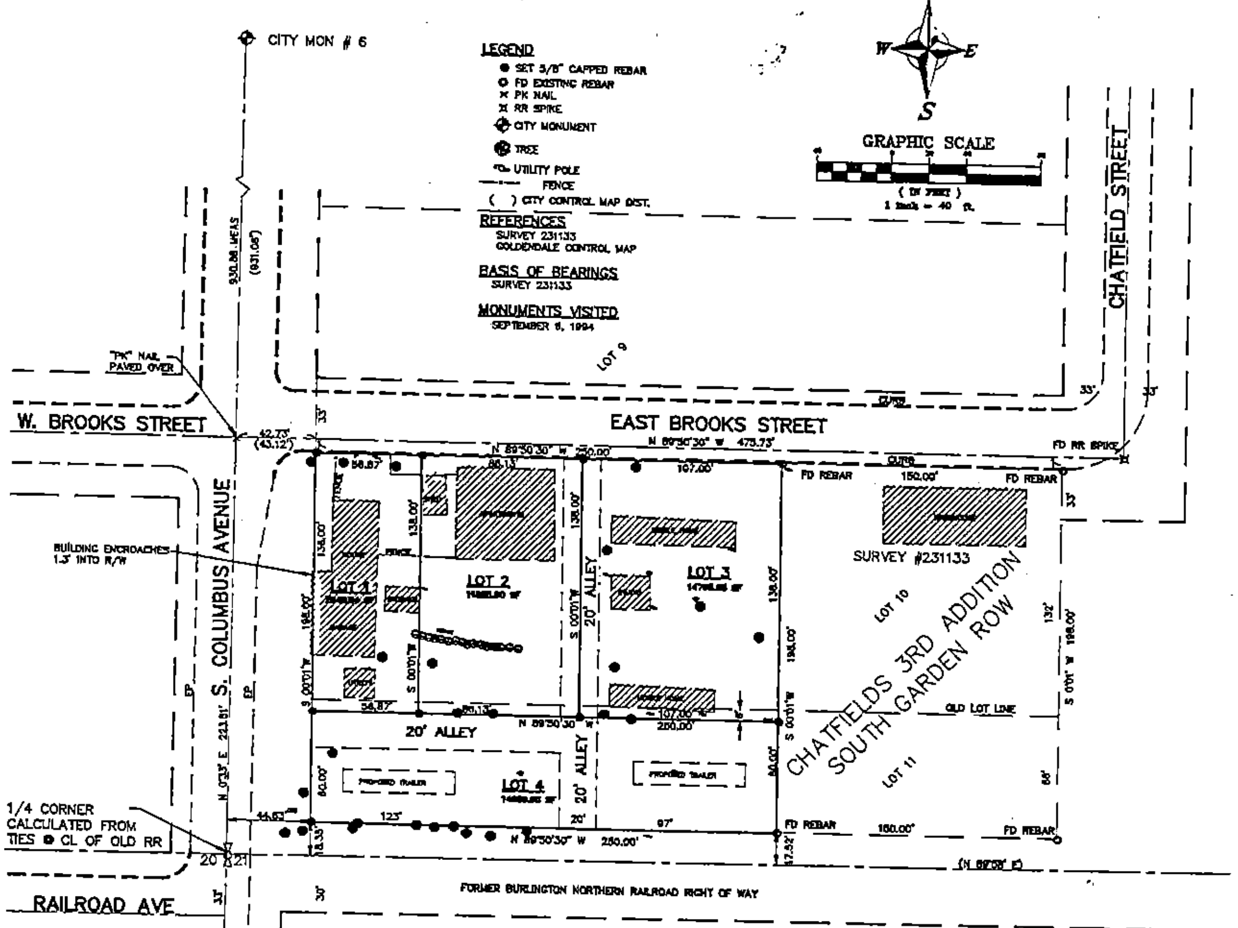
C: Steve Johnston, Client



95-0217

CITY OF GOLDENDALE, WA. SHORT PLAT NO. G-SP 950217

SW 1/4 OF THE NW 1/4, SECTION 21, T 4 N, R 16 E, W.M.



LEGAL DESCRIPTIONS

TOTAL
THE WEST 250' OF LOTS 10 AND 11, SOUTH GARDEN ROW, CHATFIELDS THIRD ADDITION TO GOLDENDALE.

LOT 1
THE WEST 58.87' OF LOT 10 AND THE WEST 58.87' OF THE NORTH 6' OF LOT 11, SOUTH GARDEN ROW, CHATFIELDS THIRD ADDITION TO GOLDENDALE.

LOT 2
THE EAST 86.13' OF THE WEST 143' OF LOT 10 AND THE EAST 86.13' OF THE WEST 143' OF THE NORTH 6' OF LOT 11, SOUTH GARDEN ROW, CHATFIELDS THIRD ADDITION TO GOLDENDALE.

LOT 3
THE EAST 107' OF THE WEST 250' OF LOT 10 AND THE EAST 107' OF THE WEST 250' OF THE NORTH 6' OF LOT 11, SOUTH GARDEN ROW, CHATFIELDS THIRD ADDITION TO GOLDENDALE.

LOT 4
THE SOUTH 60' OF THE WEST 250' OF LOT 11, SOUTH GARDEN ROW, CHATFIELDS THIRD ADDITION TO GOLDENDALE.

ACCURACY STATEMENT (WAC 332-130)
THIS SURVEY WAS PERFORMED USING A LIETZ SET-4 TOTAL STATION, BY FIELD TRAVERSE WITH RELATIVE ACCURACY GREATER THAN 1:10000. MATHEMATICAL ANALYSIS WHERE REQUIRED IS BY COMPASS RULE.

We Owners of Goldendale Short Plat shown herein, hereby declare that this division of land has been made with our free consent and in accordance with our desires.

Steven A. Johnston (Owner) Date 1-27-95 Joyce O. Johnston (Owner) 1-27-95

Glen McClaskey (Owner) Date Claire McClaskey (Owner) Date 2/2/95

WITNESS MY HAND AND OFFICIAL SEAL the day and year first written.

Dated this 27th day of January, 1995.

Frank E. Childs Jr.
Notary Public in and for the State of Washington
Residing in Goldendale

I, FRANK E. CHILDS, JR., registered as a land surveyor in the State of Washington, certify that this Short Plat is based on an actual survey conducted by me or under my supervision during the period of AUGUST through NOVEMBER 1994, that the distances, courses, and angles are shown thereon correctly, and that monuments have been set and the lot corners staked on the ground as depicted on this drawing.

Dated this 16th day of November, 1994

FRANK E. CHILDS STATE OF WASHINGTON REGISTERED PROFESSIONAL LAND SURVEYOR EXPIRES 01/03/96

Licensed Land Surveyor PLS No. 18028

---

* I hereby certify that all taxes, and compensating taxes and/or penalties and property contained within the plat shown herein have been paid, discharged or satisfied.

Dated this 5th day of May, 1995.

Robert Neils
Klickitat County Treasurer

I hereby certify that the Short Plat shown hereon has been examined by me and that it is in conformance with existing codes and ordinances.

Dated this 2nd day of February, 1995

City Engineer

I hereby certify that the Short Plat shown hereon has been examined by me and that the proposed lots conform to the comprehensive plan or zoning requirements, and are served with adequate access, fire protection, drainage, water and sewer.

Dated this 22 day of February, 1995

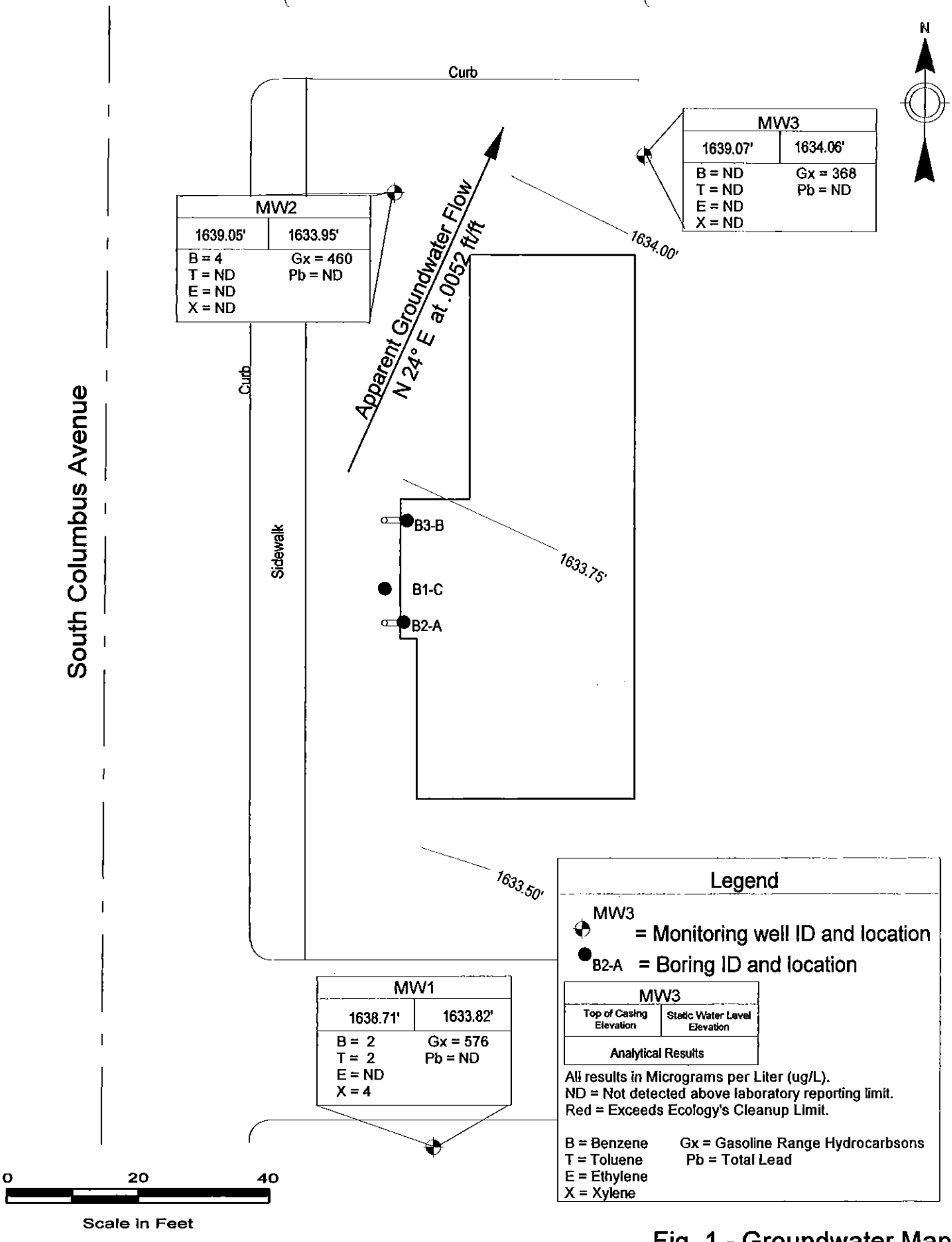
City of Goldendale Planner

SHORT PLAT FILED FOR RECORD AT THE REQUEST OF STEVEN A. JOHNSTON S & J PROPERTIES ON THIS 5TH DAY OF MAY 1995, AT 12:41 P.M. AND RECORDED IN VOL. 2 OF SHORT PLATS PAGE 376 RECORDS OF KLICKITAT COUNTY, WA.

Klickitat County Auditor 246920

Land within this short subdivision shall not be further divided for a period of five (5) years unless a final plat is filed pursuant to City of Goldendale ordinances.

S AND J PROPERTIES SHORT PLAT

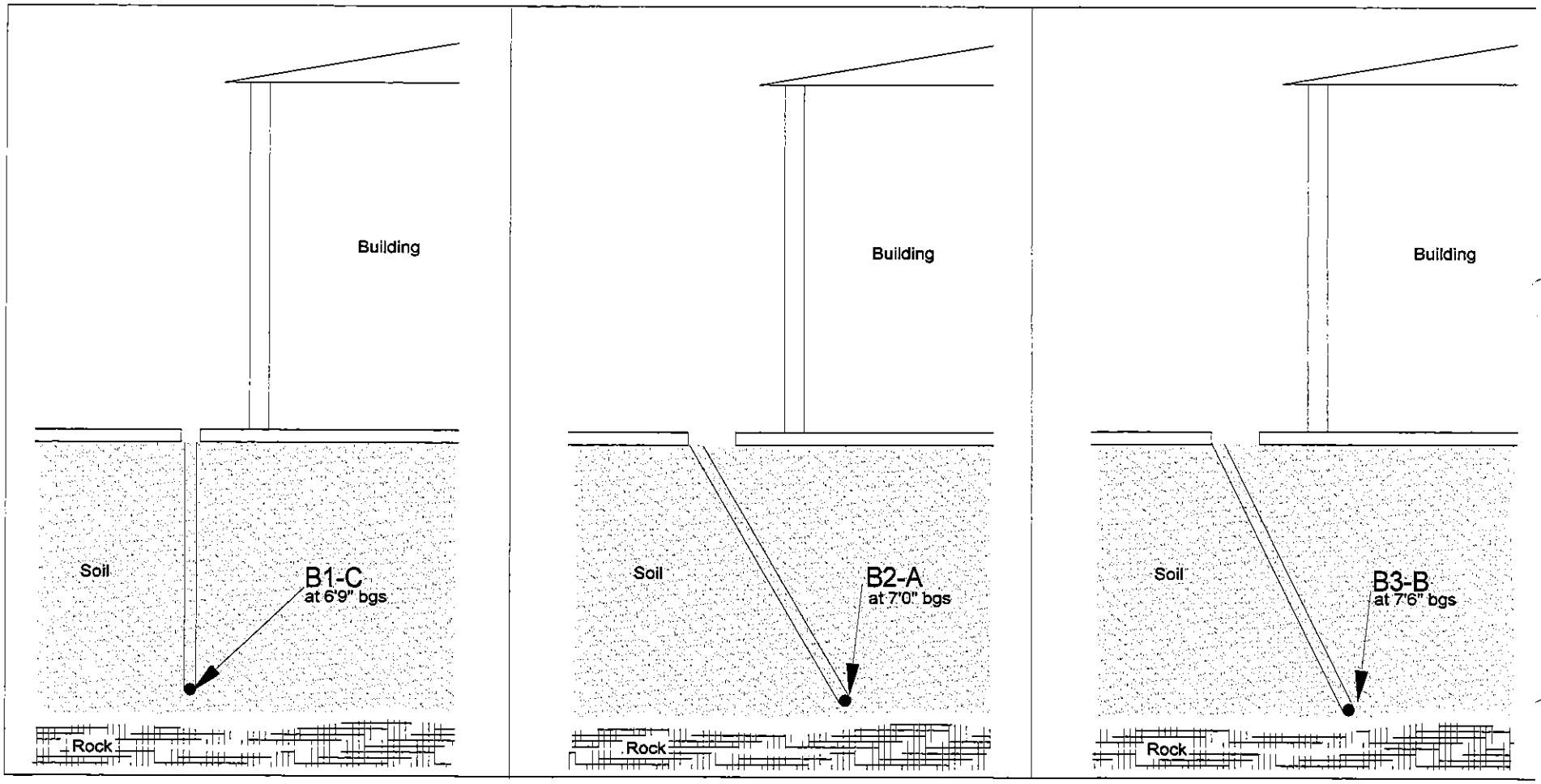


Robert D. Miller Consulting, Inc.
Drawn by: DT
Sampled: 10/15/07

A2

Fig. 1 - Groundwater Map
Jack's Grocery
706 South Columbus Street
Goldendale, Washington 98620

A3



0 2 4

Scale In Feet

Robert D. Miller Consulting, Inc.
Drawn by: DT
Drawn: 11-13-07

Fig. 2 Borings & Soil Samples
Jack's Grocery
706 South Columbus Ave
Goldendale, WA 98620

Table 1 - Static Water Levels (SWL) of Groundwater in Feet

Jack's Grocery, Goldendale, Washington

Location and Physical Data		Date Measured	Measured Depth to SWL	Calc. SWL Elevation	Rise+/Fall - Between Events
MW1					
Ground Surface Elevation	1640.00	10/15/07	4.89	1633.82	--
Top of Casing Elevation	1638.71				
Well Bottom Elevation	1632.32				
Depth of Well	6.39				
MW2					
Ground Surface Elevation	1640.00	10/15/07	5.10	1633.95	--
Top of Casing Elevation	1639.05				
Well Bottom Elevation	1631.08				
Depth of Well	7.97				
MW3					
Ground Surface Elevation	1640.00	1015-07	5.01	1634.06	--
Top of Casing Elevation	1639.07				
Well Bottom Elevation	1631.20				
Depth of Well	7.87				
Site Average for MW1-MW3					
		10/15/2007	5.00	1633.94	--

Table 2 - Test Results for Groundwater Samples

Jack's Grocery, Goldendale, Washington

Location/ Collection Date	Water Condition	B	T	E	X	T. Lead unfiltered	T. Lead filtered	Gx
		ug/L						
MW1								
10/15/07	Slight Turbidity	2	2	ND	4	25	ND	576
MW2								
10/15/07	Slight Turbidity	4	ND	ND	ND	30	ND	460
MW3								
10/15/07	Slight Turbidity	ND	ND	ND	ND	16	ND	368
Boring B1								
10/15/07	Turbid	ND	ND	ND	0.47	63	ND	1090**
Ecology Cleanup Limits	**No Limit**	**5**	**1,000**	**700**	**1,000**	**15**	**15**	**800**

Notes:

RED indicates results above Ecology's MTCA, Method A limits

"ND" means not detected or below test method reporting limit

"B" means benzene, "T" means toluene, "E" means ethyl-benzene, "X" means xylenes

"Gx" means gasoline-range hydrocarbons via method NWTPH-Gx

"ug/L" means micrograms per liter and is equivelent to parts per billion

* Total lead test was filtered with 50 micron filter per Ecology test method.

** Refer to text for explaination of background level.

Table 3 - Test Results for Soil Samples
Jack's Grocery, Goldendale, Washington

Location/Depth/ Collection Date	B	T	E	X	N	Gx
	mg/Kg					
B1-C at 6'9"						
10/15/07	ND	ND	ND	0.47	--	ND
B2-A at 7'0"						
10/31/07	ND	ND	ND	ND	ND	23
B3-B at 7'6"						
10/31/07	ND	ND	ND	ND	ND	82
Ecology Cleanup Limits	**0.03**	**7**	**6**	**9**	**5**	**100**

Notes:

RED indicates results above Ecology's MTCA, Method A limits

"ND" means not detected or below test method reporting limit

"B" means benzene, "T" means toluene, "E" means ethyl-benzene, "X" means xylenes

"N" means napthalene

"Gx" means gasoline-range hydrocarbons via method NWTPH-Gx

"mg/Kg" means milligrams per kilogram and is equivelent to parts per million

"--" means Not tested.

CHAIN OF CUSTODY

Report Number 67175

Wy'East
Environmental Sciences, Inc.
2415 SE 11th Ave. Portland Oregon 97214
Phone(503) 231-9320 FAX(503) 231-9344

Company: R D Miller Consulting	Phone: 503-650-7726
Project #: SJ-SA1	FAX: -7731
Project Name: Steve Johnston	Purchase Order #
Site: Goldendale, WA	Report Attention: Bob Miller / Collected By: R DM
Samples: Temperature 4 °C On Ice? (Yes) / No	Turnaround Time: ☐ Regular ☒ 3-5 Business Days

LAB ID	Field ID	Sampling Date	Sampling Time	Matrix	Container	Volume	NW-TPH-Dx	NW-TPH-GX	NW-TPH-HCID	EPA 8021B (BTEX) +AV	EPA 8270 SIM (PAH)	EPA 8260B	Comments / Analysis Requested
V9183	B2-A @ 7' #S end Bldg	10/31	11:30 AM	Soil	Jar	4 oz		X		X			
V9184	B3-B @ 7½' N end Bldg	↓	1:30 PM	↓	↓	↓		X		X			

Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
R. D. Miller	R DM Consult.	11/1/07	9:45 AM			11/1/07	9:45
Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time

REVISED LABORATORY REPORT

R.D. Miller Consulting
PO Box 514
West Linn, Or 97068

SITE NAME:	Steve Johnston	**REPORT NUMBER:**	67175R1
SITE LOCATION:	Goldendale, WA	**REPORT DATE:**	11/2/07
PROJECT NUMBER:	SJ-SA1		

EPA 8021B
Analytes: BTEX for soil (Benzene, Toluene, Ethylbenzene, Xylenes)

Field ID	LAB ID	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Surrogate Recovery (%)
B2-A @ ' S end Bldg	V9183	**ND**	**ND**	**ND**	**ND**	**98%**
B3-B @ 7.5' N end Bldg	V9184	**ND**	**ND**	**ND**	**ND**	**104%**
Reporting Limit:	--	**0.04**	**0.10**	**0.2**	**0.4**	

Surrogate is Bromofluorobenzene, Internal Standard is α,α,α-Trifluorotoluene

EPA 8021B
Analytes: Napthalene in soil

Field ID	LAB ID	Napthalene** (mg/Kg)
B2-A @ ' S end Bldg	V9183	**ND**
B3-B @ 7.5' N end Bldg	V9184	**ND**
Reporting Limit:	--	**2.00**

****Napthalene results are estimates.**

LAB ID	Analytical Batch	Preparation Batch	Sampling Date
V9183	HPID071101-1	B071101-1	10/31/07
V9184	HPID071101-1	B071101-1	10/31/07

Chemist Initials: lms

LABORATORY REPORT

R.D. Miller Consulting
PO Box 514
West Linn, Or 97068

SITE NAME:	Steve Johnston	**REPORT NUMBER:**	67175
SITE LOCATION:	Goldendale, WA	**REPORT DATE:**	11/2/07
PROJECT NUMBER:	SJ-SA1	**PAGE:**	Page 1 of 1

NW-TPHGx
Analytes: Gasoline in Soil

Field ID	LAB ID	Gasoline (mg/Kg)	Surrogate Recovery (%)	Analytical Batch	Preparation Batch	Sampling Date
B2-A @ ' S end Bldg	V9183	**23**	**88%**	58PI071101-1	G071101-1	10/31/2007
B3-B @ 7.5' N end Bldg	V9184	**82**	**95%**	58PI071101-1	G071101-1	10/31/2007
Reporting Limit:	--	**20**				

Surrogate is p-Bromofluorobenzene

Chemist Initials: C.Y Chan

2415 SE 11th Ave., Portland, OR 97214 Phone (503) 231-9320 FAX (503) 231-9344

Quality Control Report for Gasoline in Soil by NWTPH-Gx

Batch Date: 11/1/2007

Calibration Verification	*Analytical Batch*	*Result (ug/L)*	*Theoretical Result (ug/L)*	*Percent Difference*	*Acceptable Range*
CCV1	58PI071101-1	1814	2000	9.30%	±20%

Reagent Blank	*Analytical Batch*	*Result (ug/L)*	*Acceptable Range*	*Surrogate Recovery*	*Surrogate Acceptable Range*
LRB	58PI071101-1	5	<20	100%	50%-150%

Matrix Blank	*Preparation Batch*	*Result (ug/L)*	*Acceptable Range*	*Surrogate Recovery*	*Surrogate Acceptable Range*
BLANK	G071101-1	4	<20	100%	50%-150%

Matrix Spike	*Preparation Batch*	*Result (ug/L)*	*Theoretical Result (ug/L)*	*Percent Recovery*	*Acceptable Range*
LCS-1	G071101-1	97	100	96.30%	70%-130%

WyEast
Environmental Sciences, Inc.
2415 SE 11th Ave. Portland Oregon 97214

CHAIN OF CUSTODY

Report Number 66968

Phone(503) 231-9320 FAX(503) 231-9344

Company: R D Miller Consulting, Inc	Phone: 503-650-7726
Project #: SJ-UST1	FAX: 503-650-7731
Project Name: Jack's Grocery	Purchase Order #
Site: Goldendale, WA	Report Attention: Bob Miller / Collected By: (same)
Samples: Temperature 4°C On Ice? (Yes) / No	Turnaround Time: ☐ Regular ☒ 3-5 Business Days

LAB ID	Field ID	Sampling Date	Sampling Time	Matrix	Container	Volume	NW-TPH-Dx	NW-TPH-GX	NW-TPH-HCID	EPA 8021B (BTEX)	EPA 8270 SIM (PAH)	EPA 8260B	Comments / Analysis Requested
V7917	MW1	10/15/07	4 PM	Water	Vial & bottle	1L + (2) 40 ml							Total Lead
V7918	MW2	"	4:15	"	"	"							"
V7919	MW3	"	4:30	"	"	"							"
V7920	B1 - Water	"	5 PM	"	"	"							"
V7921	B1 @ 6'9" bgs	"	1 PM	Soil	Jar	4 oz							"

3 to 5 DAY

Relinquished by	Affiliation	Date	Time	Received by	Affiliation	Date	Time
R A Miller	RDM, Inc	10/15/07			RDM	10/16/07	
	RDM	10/16/07	1710		wyest	10/16/07	5:10 PM

A11

LABORATORY REPORT

R.D. Miller Consulting
PO Box 514
West Linn, Or 97068

SITE NAME: Jack's Grocery
SITE LOCATION: Goldendale, WA
PROJECT NUMBER: SJ-UST1

REPORT NUMBER: 66968
REPORT DATE: 10/18/07

NW-TPHGx
Analytes: Gasoline in Water

Field ID	LAB ID	Gasoline (ug/L)	Surrogate Recovery (%)	Analytical Batch	Sampling Date
MW 1	V7917	**576**	**98%**	58PI071016-1	10/15/2007
MW 2	V7918	**460**	**99%**	58PI071016-1	10/15/2007
MW 3	V7919	**368**	**104%**	58PI071016-1	10/15/2007
B 1-Water	V7920	**1090**	**107%**	58PI071016-1	10/15/2007
Reporting Limit: --		**250**			

Surrogate is p-Bromofluorobenzene

Chemist Initials: C.Y Chan

2415 SE 11th Ave., Portland, OR 97214

Phone (503) 231-9320 FAX (503) 231-9344

Quality Control for Gasoline in Water by NWTPH-Gx

Batch Date: 10/16/2007

Calibration Verification	*Analytical Batch*	*Result (ug/L)*	*Theoretical Result (ug/L)*	*Percent Difference*	*Acceptable Range*
CCV1	58PI071016-1	1891	2000	5.47%	±20%

Matrix Blank	*Analytical Batch*	*Result (ug/L)*	*Acceptable Range*	*Surrogate Recovery*	*Surrogate Acceptable Range*
WBLANK	58PI071016-1	96	<250	100%	50%-150%

Matrix Spike	*Analytical Batch*	*Result (ug/L)*	*Theoretical Result (ug/L)*	*Percent Recovery*	*Acceptable Range*
WLCS1	58PI071016-1	1816	2000	90.79%	70%-130%

LABORATORY REPORT

R.D. Miller Consulting
PO Box 514
West Linn, Or 97068

SITE NAME:	Jack's Grocery	**REPORT NUMBER:**	66968
SITE LOCATION:	Goldendale, WA	**REPORT DATE:**	10/18/07
PROJECT NUMBER:	SJ-UST1	**PAGE:**	Page 1 of 1

NW-TPHGx
Analytes: Gasoline in Soil

Field ID	LAB ID	Gasoline (mg/Kg)	Surrogate Recovery (%)	Analytical Batch	Preparation Batch	Sampling Date
B 1@6'9"bgs	V7921	**ND**	**93%**	58P1071016-1	G071016-1	10/15/2007
Reporting Limit: --		**20**				

Surrogate is p-Bromofluorobenzene

Chemist Initials: CY Chan

2415 SE 11th Ave., Portland, OR 97214 Phone (503) 231-9320 FAX (503) 231-9344

Quality Control Report for Gasoline in Soil by NWTPH-Gx

Batch Date: 10/16/2007

Calibration Verification	*Analytical Batch*	*Result (ug/L)*	*Theoretical Result (ug/L)*	*Percent Difference*	*Acceptable Range*
CCV1	58PI071016-1	1890	2000	5.52%	±20%

Reagent Blank	*Analytical Batch*	*Result (ug/L)*	*Acceptable Range*	*Surrogate Recovery*	*Surrogate Acceptable Range*
LRB	58PI071016-1	0	<20	100%	50%-150%

Matrix Blank	*Preparation Batch*	*Result (ug/L)*	*Acceptable Range*	*Surrogate Recovery*	*Surrogate Acceptable Range*
BLANK	G071016-1	0	<20	100%	50%-150%

Matrix Spike	*Preparation Batch*	*Result (ug/L)*	*Theoretical Result (ug/L)*	*Percent Recovery*	*Acceptable Range*
LCS	G071016-1	96	100	95.88%	70%-130%

LABORATORY REPORT

R.D. Miller Consulting
PO Box 514
West Linn, Or 97068

SITE NAME:	Jack's Grocery	**REPORT NUMBER:**	66968
SITE LOCATION:	Goldendale, WA	**REPORT DATE:**	10/18/07
PROJECT NUMBER:	SJ-UST1		

EPA 8021B
Analytes: BTEX for water (Benzene, Toluene, Ethylbenzene, Xylenes)

Field ID	LAB ID	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	Surrogate Recovery (%)
MW 1	V7917	2	2	ND	4	113%
MW 2	V7918	4	ND	ND	ND	103%
MW 3	V7919	ND	ND	ND	ND	101%
B 1-Water	V7920	ND	ND	ND	ND	105%
Reporting Limit: --		1	1	1	3	

Surrogate is p-Bromofluorobenzene, Internal Standard is α,α,α-Trifluorotoluene

LAB ID	Analytical Batch	Sampling Date
V7917	HPID071017-1	10/15/2007
V7918	HPID071018-1	10/15/2007
V7919	HPID071017-1	10/15/2007
V7920	HPID071018-1	10/15/2007

Chemist Initials: JMC

2415 SE 11th Ave., Portland, OR 97214 Phone (503) 231-9320 FAX (503) 231-9344

Quality Control Report for BTEX Water By 8021B

HPID071018-1	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Total Xylenes (µg/L)	BFB (Surrogate)
CCV	**11**	**11**	**11**	**34**	--
Theoretical Value	10	10	10	30	10.000
Percent Difference	8%	12%	12%	14%	
Acceptable Range	± 20%	± 20%	± 20%	± 20%	
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	
Blank	**0.00**	**0.04**	**0.00**	**0.37**	**107%**
Acceptable Range	<1	<1	<1	<3	50%-150%
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**
LCS	**11**	**11**	**11**	**34**	**104%**
Theoretical Value	10	10	10	30	1000%
Percent Recovery	110%	113%	110%	112%	
Acceptable Range	70%-130%	70%-130%	70%-130%	70%-130%	50%-150%
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**

2415 SE 11th Ave., Portland, OR 97214 Phone (503) 231-9320 FAX (503)231-9344

Quality Control Report for BTEX Soil By 8021B

HPID071016-1	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	BFB (Surrogate)
CCV	**2.09**	**2.18**	**2.19**	**6.75**	
Theoretical Value	2.03	2.03	2.03	6.10	
Percent Difference	3%	7%	8%	11%	
Acceptable Range	± 20%	± 20%	± 20%	± 20%	
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	
LRB	**0.00**	**0.01**	**0.00**	**0.04**	**104%**
Acceptable Range	<0.04	<0.1	<0.2	<0.4	50%-150%
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**
From PB: B071015-1					

HPID071016-2	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	BFB (Surrogate)
CCV	**2.13**	**2.23**	**2.21**	**6.81**	
Theoretical Value	2.03	2.03	2.03	6.10	
Percent Difference	5%	10%	8%	12%	
Acceptable Range	± 20%	± 20%	± 20%	± 20%	
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	
LRB	**0.00**	**0.01**	**0.00**	**0.04**	**104%**
Acceptable Range	<0.04	<0.1	<0.2	<0.4	50%-150%
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**
From PB: B071015-1					

B071016-1	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	BFB (Surrogate)
Blank	**0.00**	**0.01**	**0.03**	**0.18**	**104%**
Acceptable Range	<0.04	<0.1	<0.2	<0.4	50%-150%
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**
Run with AB: HPID071017-1					
LCS	**0.83**	**0.87**	**0.87**	**2.63**	**96%**
Theoretical Value	0.77	0.77	0.77	2.32	
Percent Recovery	108%	113%	112%	113%	
Acceptable Range	70%-130%	70%-130%	70%-130%	70%-130%	50%-150%
CONTROL	**PASS**	**PASS**	**PASS**	**PASS**	**PASS**
Run with AB: HPID071016-1					

2415 SE 11th Ave., Portland, OR 97214 Phone (503) 231-9320 FAX (503) 231-9344

LABORATORY REPORT

R.D. Miller Consulting
PO Box 514
West Linn, Or 97068

SITE NAME:	Jack's Grocery	**REPORT NUMBER:**	66968
SITE LOCATION:	Goldendale, WA	**REPORT DATE:**	10/17/07
PROJECT NUMBER:	SJ-UST1		

EPA 8021B
Analytes: BTEX for soil (Benzene, Toluene, Ethylbenzene, Xylenes)

Field ID	LAB ID	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylenes (mg/Kg)	Surrogate Recovery (%)
B 1@6'9"bgs	V7921	**ND**	**ND**	**ND**	**0.47**	**108%**
Reporting Limit: --		0.04	0.1	0.2	0.4	

Surrogate is Bromofluorobenzene, Internal Standard is α,α,α-Trifluorotoluene

LAB ID	Analytical Batch	Preparation Batch	Sampling Date
V7921	HPID071016-2	G071016-1	10/15/07

Chemist Initials: lms

2415 SE 11th Ave., Portland, OR 97214 Phone (503) 231-9320 FAX (503) 231-9344

LABORATORY REPORT

Robert D. Miller Consulting
PO Box 514
West Linn OR 97068

PROJECT NAME/SITE:	Jack's Grocery	**REPORT NUMBER:**	66968 (R1)
PROJECT NUMBER:	SJ-UST1	**REPORT DATE:**	10/24/07
EXTRACTION DATE:	10/18/07	**PAGE:**	1 of 1

EPA 3050A/7420
Analyte: Total Lead (Pb) Quantification

Field ID	Lab ID	Matrix	mg/Kg (ppm)
B1 @ 6'9" bgs	V7921	Soil	**12**
		SOIL	
BLANK	-	-	ND
Detection Limit	-	-	7

ND = Not Detected (below reporting limit or detection limit)

EPA 3020/7421
Analyte: Total Lead (Pb) in water Quantification

Field ID	Lab ID	Quantification µg/L (ppb)
MW1	V7917	**ND***
MW2	V7918	**ND***
MW3	V7919	**ND***
B1-Water	V7920	**ND***
BLANK	-	ND
Detection Limit	-	5

ND = Not Detected (below reporting limit or detection limit)
* Note: Results after Filtering

LABORATORY REPORT

Robert D. Miller Consulting
PO Box 514
West Linn OR 97068

PROJECT NAME/SITE:	Jack's Grocery	**REPORT NUMBER:**	66968
PROJECT NUMBER:	SJ-UST1	**REPORT DATE:**	10/19/07
EXTRACTION DATE:	10/18/07	**PAGE:**	1 of 1

EPA 3050A/7420
Analyte: Total Lead (Pb) Quantification

Field ID	Lab ID	Matrix	mg/Kg (ppm)
B1 @ 6'9" bgs	V7921	Soil	**12**
		SOIL	
BLANK	-	-	ND
Detection Limit	-	-	7

ND = Not Detected (below reporting limit or detection limit)

EPA 3020/7421
Analyte: Total Lead (Pb) in water Quantification

Field ID	Lab ID	Quantification µg/L (ppb)
MW1	V7917	**25**
MW2	V7918	**30**
MW3	V7919	**16**
B1-Water	V7920	**63**
BLANK	-	ND
Detection Limit	-	5

ND = Not Detected (below reporting limit or detection limit)

Please print, sign and return by mail to Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. E006506

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission *(select one)*

☑ Construction

☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____

Type of Well *(select one)*

☑ Resource Protection

☐ Geotech Soil Boring

Consulting Firm Robert D Miller Consulting, Inc

Unique Ecology Well ID

Tag No. AEF 690 Owner ID: MW1

Property Owner Donal Anthony

Site Address 706 S Columbus Ave

City Goldendale County Klickitat

Location SW 1/4-1/4 NW 1/4 Sec 21 Twn 4N R 16 Select One ☒ EWM ☐ 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.

☑ Driller ☐ Engineer ☐ Trainee Name (Print) Robert Miller, LHG

Driller/Engineer /Trainee Signature Robert D Miller

Driller or Trainee License No. 2331

If trainee, licensed driller's Signature and License No. 2331

Lat/Long (s, t, r still REQUIRED) Lat Deg 45 Lat Min/Sec 49/Z.7

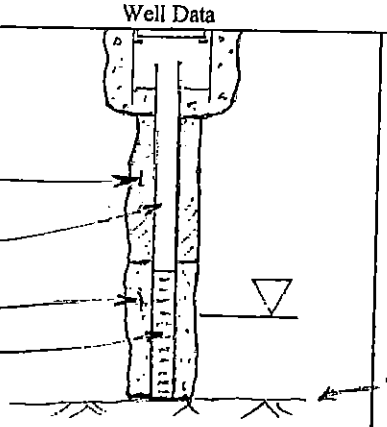
Long Deg 120 Long Min/Sec 49/21

Tax Parcel No. 04162175000100 (Lot SP G95-0217)

Cased or Uncased Diameter 2-inches Static Level 5.2 feet bgs

Work/Decommission Start Date 10-15-07

Work/Decommission Completed Date 10-15-07

Construction/Design	Well Data	Formation Description
Vault - 8-in dia with 12-in deep skirt set flush into 160 lbs of concrete pad. Lockable plug with padlock. Bentonite seal - 60 lbs of 3/8th chips set between 1 foot and 4.5 feet bgs in 6-inch bore hole Casing - 2-inch, schedule 40 PVC set between 0.3 feet and 4.9 feet Filter pack - 50 lbs of 10-20 silica sand Screen - 2-inch, schedule 40, 0.010-inch slots, PVC set between 4.9 and 6.7 feet End cap - 2-inch slip cap		Brown clayey silt (ML), stiff and moist SWL at 5.22 feet bgs Top of Basalt rock at 6.75 feet bgs

0 — 5 — 10

ECY 050-12 (Rev. 2/03)

SCALE: 1"= 5 Page ___ of ___

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Please print, sign and return by mail to Department of Ecology

RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. E006506

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission *(select one)*

☑ Construction

☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____

Type of Well *(select one)*

☑ Resource Protection

☐ Geotech Soil Boring

Consulting Firm Robert D Miller Consulting, Inc

Unique Ecology Well ID

Tag No. AEF 692 Owner ID: MW3

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) Robert Miller, LHG

Driller/Engineer /Trainee Signature Robert A Miller

Driller or Trainee License No. 2331

If trainee, licensed driller's Signature and License No. 2331

Property Owner Donal Anthony

Site Address 706 S Columbus Ave

City Goldendale County Klickitat

Location SW 1/4-1/4 NW 1/4 Sec 21 Twn 4N R 16 (Select One ☒ EWM ☐ WWM)

Lat/Long (s, t, r still REQUIRED) Lat Deg 45 Lat Min/Sec 49/2.8

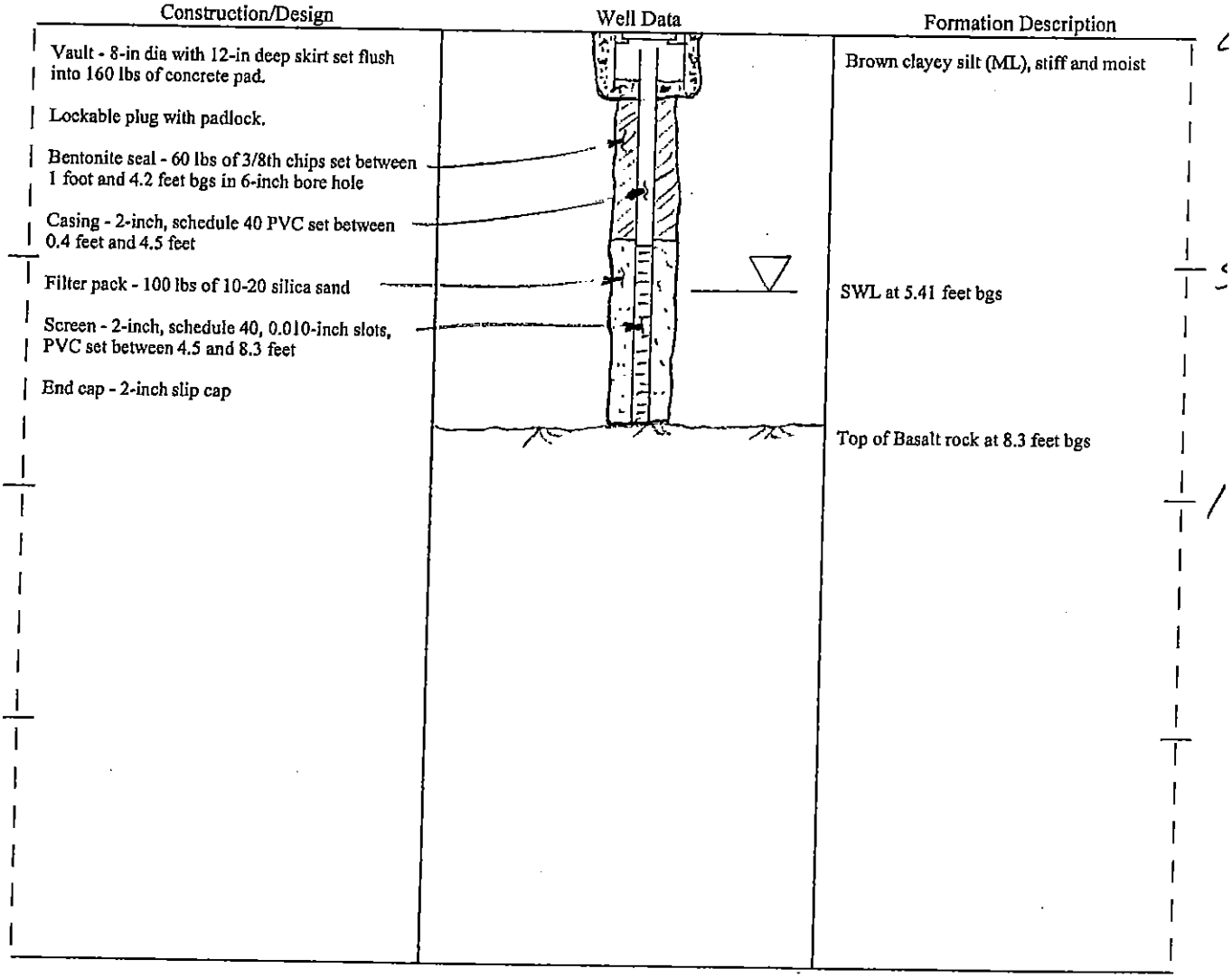
Long Deg 120 Long Min/Sec 49/20

Tax Parcel No. 04162175000100 (Lot SP G95-0217)

Cased or Uncased Diameter 2-inches Static Level 5.5 feet bgs

Work/Decommission Start Date 10-15-07

Work/Decommission Completed Date 10-15-07



ECY 050-12 (Rev. 2/03)

SCALE: 1"= 5' Page ___ of ___

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RESOURCE PROTECTION WELL REPORT

CURRENT Notice of Intent No. E006506

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission *(select one)*

☑ Construction

☐ Decommission *ORIGINAL INSTALLATION Notice of Intent Number* _____

Type of Well *(select one)*

☑ Resource Protection

☐ Geotech Soil Boring

Consulting Firm Robert D Miller Consulting, Inc

Unique Ecology Well ID

Tag No. AEF 691 Owner ID: MW2

Property Owner Donal Anthony

Site Address 706 S Columbus Ave

City Goldendale County Klickitat

Location SW 1/4-1/4 NW 1/4 Sec 21 Twn 4N R 16 Select One ☒ EWM ☐ 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.

☑ Driller ☐ Engineer ☐ Trainee Name (Print) Robert Miller, LHG

Driller/Engineer /Trainee Signature Robert D Miller

Driller or Trainee License No. 2331

If trainee, licensed driller's Signature and License No. 2331

Lat/Long (s, t, r still REQUIRED) Lat Deg 45 Lat Min/Sec 49/2.8

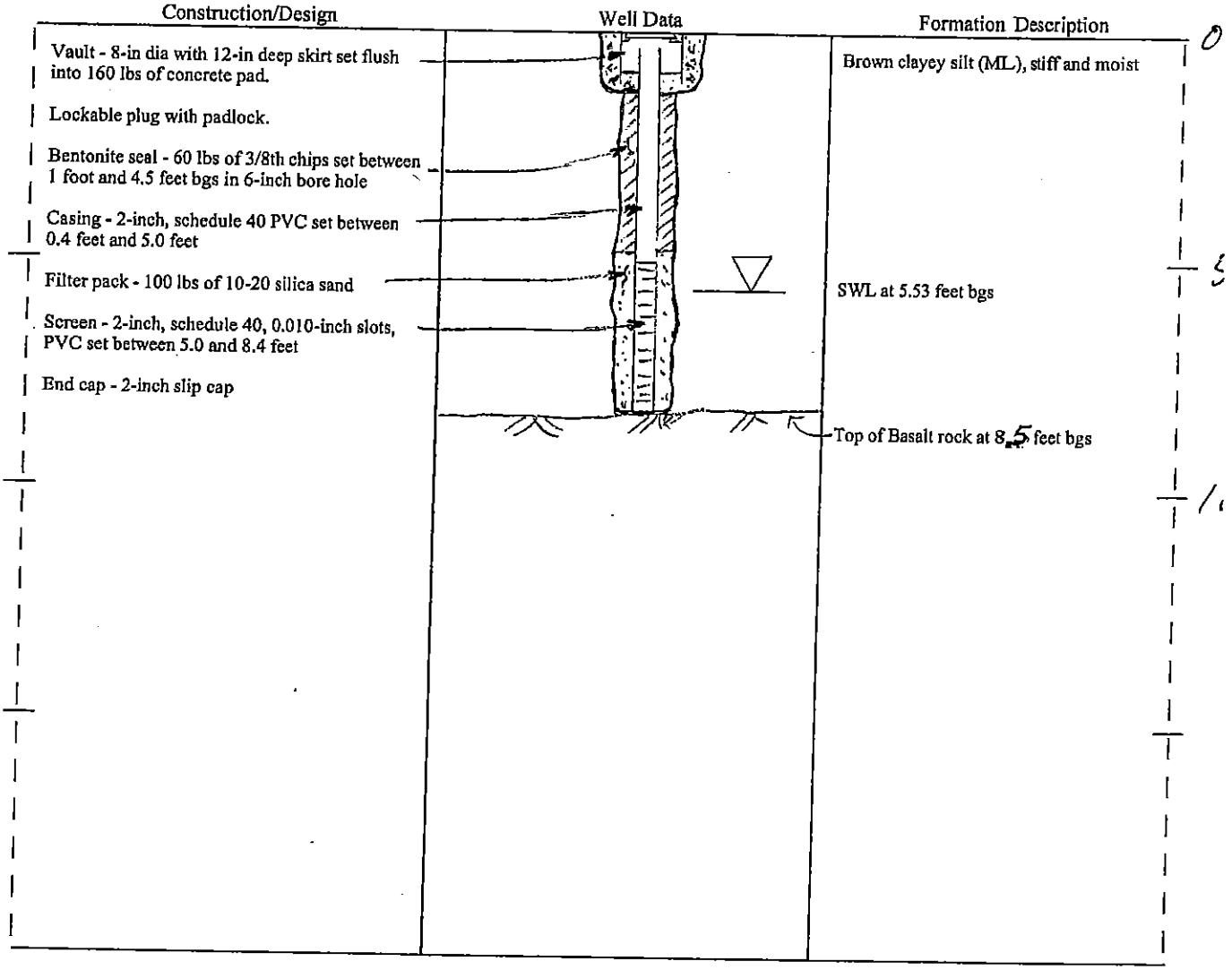
Long Deg 120 Long Min/Sec 49/21

Tax Parcel No. 04162175000100 (Lot SP G95-0217)

Cased or Uncased Diameter 2-inches Static Level 5.5 feet bgs

Work/Decommission Start Date 10-15-07

Work/Decommission Completed Date 10-15-07



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SCALE: 1"=5' Page___of___

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