Appendix A

Oregon Water Resources Department
Water Well Log Report
and Geotechnical Hole Report

OWRD Water Well Log Report
T1S R3E S04
April 19, 2006

wl_nbr	well_tag_nbr	name_last	name_first	name_company	type_of_log	depth_first_water	depth_drilled	completed_depth	post_static_water_level	start_date	complete_date	startcard_nbr	work_new	work_abandonment	work_deepening	work_alteration	use_domestic	use_irrigation	township	township_char	range	range_char	sctn	qtr160	qtr40	tax_lot	street_of_well	location_county
74443	67844			CITY OF GRESHAM	M	5	12	12	5	9/23/04	9/23/04	167622	X						1	S	3	E	4	NW	SW	202	APPROX 1912 NW BIRDSDALE	MULT
4799				CITY OF GRESHAM	M	6	30	30	6	5/22/95	5/22/95	78851	X						1	S	3	E	4	SE	SE			MULT
74444	67845			CITY OF GRESHAM	M	6	12	12	6	9/23/04	9/23/04	167623	X						1	S	3	E	4	NW	SW	303	APPROX 1912 NW BIRDSDALE	MULT
74445	67846			CITY OF GRESHAM	M	6	12	12	6	9/23/04	9/23/04	167624	X						1	S	3	E	4	NW	SW	301	APPROX 1912 NW BIRDSDALE	MULT
74446	67847			CITY OF GRESHAM	M	6	12	12	6	9/23/04	9/23/04	167625	X						1	S	3	E	4	SW	NW	3800	APPROX 1912 NW BIRDSDALE	MULT
74447	67848			CITY OF GRESHAM	M	6	12	12	6	9/23/04	9/23/04	167626	X						1	S	3	E	4	NW	SW		APPROX 1912 NW BIRDSDALE	MULT
72471	67693			CITY OF GRESHAM	M	9	12	12	9	3/5/04	3/5/04	164534	X						1	S	3	E	4	SW	NW	202	S OF 2200 NW BIRDSDALE	MULT
72472	67692			CITY OF GRESHAM	M	9	12	12	9	3/5/04	3/5/04	164533	X						1	S	3	E	4	SW	NW	202	S OF 2200 NW BIRDSDALE	MULT
72473	67691			CITY OF GRESHAM	M	9	12	12	9	3/5/04	3/5/04	164532	X						1	S	3	E	4	SW	NW	202	S OF 2200 NW BIRDSDALE	MULT
72474	67690			CITY OF GRESHAM	M	9	12	12	9	3/5/04	3/5/04	164531	X						1	S	3	E	4	SW	NW	202	S OF 2200 NW BIRDSDALE	MULT
64725	47225			CENTER OAK PROPERTIES LLC	M	17	25	25	17	8/14/01	8/14/01	133497	X						1	S	3	E	4	SE	SW	100	BETWEEN BURNSIDE AND DIVISION; E OF CIVIC DR	MULT
3237				CITY OF GRESHAM	M	20	40	40	32	10/5/92	10/5/92	47856	X						1	S	3	E	4	SE	SE	182	1333 NW EASTMAN PARKWAY	MULT
4800				CITY OF GRESHAM	M	23	34	34	23	5/23/95	5/23/95	78852	X						1	S	3	E	4	SE	SE			MULT
4801				CITY OF GRESHAM	M	23	37	37	23	5/23/95	5/23/95	78853	X						1	S	3	E	4	SE	SE			MULT
3235				CITY OF GRESHAM	M	27	32	32	31	10/1/92	10/1/92	47854	X						1	S	3	E	4	SE	SE	182	1333 NW EASTMAN PARKWAY	MULT
76625	73321			W AND H PACIFIC	M	27	40	40	27	4/1/05	4/1/05	173331	X						1	S	3	E	4	NE	SE	1200	SE CORNER OF NW CIVIC DR AND NW COUNCIL DR	MULT
3236				CITY OF GRESHAM	M	32	40	40	30	10/2/92	10/2/92	47855	X						1	S	3	E	4	SE	SE	182	1333 NW EASTMAN PARKWAY	MULT
2946		BOYD	RICHARD		W	220	260	260	140	3/4/88	3/10/88		X				X		1	S	3	E	4	SE	SW	7		MULT
2944		ANGEL	HOWARD	ANGEL, DORIS C; SUBURBAN MOBILE ESTATE	W		176	176	35	4/7/69	5/14/69		X						1	S	3	E	4					MULT
2953		BARGER	HARRY T	BARGER CONSTRUCTION CO.	W		285	285	27	7/14/58	8/13/58		X						1	S	3	E	4	SE	SE			MULT
61485	37179			BAYLEY CONSTRUCTION	W			240	65	6/26/00	6/28/00	128894				X		X	1	S	3	E	4	SW	NE	800	631 NW DIVISION	MULT
58713				CENTER OAK PROPERTIES LLC	G		20	20		7/23/99	7/23/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
64722				CENTER OAK PROPERTIES LLC	G		25	0	17	8/14/01	8/14/01		X	X					1	S	3	E	4	SE	SW	100	BETWEEN BURNSIDE AND DIVISION; EAST OF CIVIC DR	MULT
67124				CENTER OAK PROPERTIES LLC	G		30	0		6/12/02	6/13/02		X	X					1	S	3	E	4	NE	SE	700	VACANT LOT; NW CIVIC AND NW BURNSIDE	MULT
67125				CENTER OAK PROPERTIES LLC	G		30	0		6/12/02	6/13/02		X	X					1	S	3	E	4	NE	SE	700	VACANT LOT; NW CIVIC AND NW BURNSIDE	MULT
67127				CENTER OAK PROPERTIES LLC	G		30	0		6/12/02	6/13/02		X	X					1	S	3	E	4	NE	SE	700	VACANT LOT; NW CIVIC AND NW BURNSIDE	MULT
67128				CENTER OAK PROPERTIES LLC	G		30	0		6/12/02	6/13/02		X	X					1	S	3	E	4	NE	SE	700	VACANT LOT; NW CIVIC AND NW BURNSIDE	MULT
58712				CENTER OAK PROPERTIES, LLC	G		20	20		7/23/99	7/24/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58714				CENTER OAK PROPERTIES, LLC	G		20	20	15.7	7/23/99	7/23/99		X						1	S	3	E	4	SE	SE		519 NW 11TH DR, GRESHAM	
58715				CENTER OAK PROPERTIES, LLC	G		28	28		7/23/99	7/23/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58716				CENTER OAK PROPERTIES, LLC	G		20	20		7/23/99	7/23/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58717				CENTER OAK PROPERTIES, LLC	G		10	10		7/24/99	7/24/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR, GRESHAM	
58718				CENTER OAK PROPERTIES, LLC	G		28	28		7/23/99	7/23/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58719				CENTER OAK PROPERTIES, LLC	G		28	28		7/24/99	7/24/99		X						1	S	3	E	4	SE	SE		519 NW 11TH DR	
58721				CENTER OAK PROPERTIES, LLC	G		20	20		7/24/99	7/24/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58722				CENTER OAK PROPERTIES, LLC	G		20	20		7/24/99	7/24/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58723				CENTER OAK PROPERTIES, LLC	G		20	20		7/24/99	7/24/99		X						1	S	3	E	4	SE	SE		519 NW 11TH DR	
58724				CENTER OAK PROPERTIES, LLC	G		10	10		7/24/99	7/24/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58725				CENTER OAK PROPERTIES, LLC	G		10	10		7/24/99	7/24/99		X	X					1	S	3	E	4	SE	SE		519 NW 11TH DR	
58726				CENTER OAK PROPERTIES, LLC	G		20	20		7/24/99	7/24/99		X						1	S	3	E	4	SE	SE		519 NW 11TH DR, GRESHAM	
67126				CENTER OAK PRPOERTIES LLC	G		30	0		6/12/02	6/13/02		X	X					1	S	3	E	4	NE	SE	700	VACANT LOT; NW CIVIC AND NW BURNSIDE	MULT
65225	47225			CENTER OAKS PROPERTIES LLC	M			0		10/11/01	10/11/01	133173		X					1	S	3	E	4	SE	SW	100	CIVIC DR	MULT
52033				CITY OF GRESHAM	G				31	9/16/96	9/16/96		X	X					1	S	3	E	4	SE	SE	1900	1331 NW EASTMAN PARKWAY	MULT
73457	67690			CITY OF GRESHAM	M			0		6/11/04	6/11/04	164727		X					1	S	3	E	4	SW	NW	202	S OF 2200 NW BIRDSDALE	MULT
73458	67691			CITY OF GRESHAM	M			0		6/11/04	6/11/04	164728		X					1	S	3	E	4	SW	NW	202	S OF 2200 SW BIRDSDALE	MULT
73459	67692			CITY OF GRESHAM	M			0		6/11/04	6/11/04	164729		X					1	S	3	E	4	SW	NW	202	S OF 2200 SW BIRDSDALE	MULT
73460	67693			CITY OF GRESHAM	M			0		6/11/04	6/11/04	164730		X					1	S	3	E	4	SW	NW	202	S OF 2200 SW BIRDSDALE	MULT
79437	67847			CITY OF GRESHAM	M			0		9/2/05	9/20/05	180907		X					1	S	3	E	4	NW	NW		NW 16TH AND NW BURNSIDE	MULT
79439	67848			CITY OF GRESHAM	M			0		9/2/05	9/20/05	180908		X					1	S	3	E	4	NW	NW		NW 16TH AND NW BURNSIDE	MULT
52574	5613	GRESHAM	CITY HALL	CITY OF GRESHAM; CITY HALL	M		40	40	24	12/5/96	12/6/96	93836	X						1	S	3	E	4	SE	NE		1333 NW EASTMAN PARKWAY	MULT
52575	5614	GRESHAM	CITY HALL	CITY OF GRESHAM; CITY HALL	M		40	40	24	12/5/96	12/6/96	93837	X						1	S	3	E	4	SE	NE		1333 NW EASTMAN PARKWAY	MULT
51590				COURTYARD VILLAGE PARTNERSHIP	G		42	42		7/17/96	7/17/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51588				COURTYARD VILLAGE PARTNERSHIP	G		37	37		7/17/96	7/17/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51596				COURTYARD VILLAGE PARTNERSHIP	G		42	42		7/15/96	7/15/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51597				COURTYARD VILLAGE PARTNERSHIP	G		32	32		7/12/96	7/12/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51598				COURTYARD VILLAGE PARTNERSHIP	G		32	32		7/12/96	7/12/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51587				COURTYARD VILLAGE PARTNERSHIP	G		30	30		7/11/96	7/11/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51586				COURTYARD VILLAGE PARTNERSHIP	G		25	25		7/11/96	7/11/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51585				COURTYARD VILLAGE PARTNERSHIP	G		32	32		7/11/96	7/11/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51584				COURTYARD VILLAGE PARTNERSHIP	G		35	35		7/11/96	7/11/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51595				COURTYARD VILLAGE PARTNERSHIP	G		42	42		7/18/96	7/18/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD, GRESHAM	MULT
51594				COURTYARD VILLAGE PARTNERSHIP	G		32	32		7/17/96	7/17/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51593				COURTYARD VILLAGE PARTNERSHIP	G		37	37		7/17/96	7/17/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51592				COURTYARD VILLAGE PARTNERSHIP	G		22	22		7/17/96	7/17/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
51591				COURTYARD VILLAGE PARTNERSHIP	G		33	33		7/18/96	7/18/96		X						1	S	3	E	4	NE	SE		1545 SE 223RD AVE, GRESHAM	MULT
77856				GEOTECH SOLUTIONS	G		60	0	10	6/29/05	6/29/05		X	X					1	S	3	E	4	NW	NW	8500	20424 SE STARK ST, GRESHAM	MULT
70010				GRESHAM CINEMA DEVELOPMENT	G		20	0		2/21/03	2/21/03		X	X					1	S	3	E	4	SE	SE	2600	1297 NW EASTMAN PARKWAY	MULT
70011				GRESHAM CINEMA DEVELOPMENT	G		20	0		2/21/03	2/21/03		X	X					1	S	3	E	4	SE	SE	2600	1297 NW EASTMAN PARKWAY	MULT
71059				GRESHAM STATION INVESTORS LLC	G		24	0		7/20/03	7/20/03		X	X					1	S	3	E	4	SE	NW	200	NW BURNSIDE AND CIVIC DR	MULT
71060				GRESHAM STATION INVESTORS LLC	G		40	0		7/20/03	7/20/03		X	X					1	S	3	E	4	SE	NW	200	NW BURNSIDE AND CIVIC DR	MULT
71061				GRESHAM STATION INVESTORS LLC	G		24	0		7/20/03	7/20/03		X	X					1	S	3	E	4	SE	NW	200	NW BURNSIDE AND CIVIC DR	MULT
71062				GRESHAM STATION INVESTORS LLC	G		40	0		7/20/03	7/20/03		X	X					1	S	3	E	4	SE	NW	200	NW BURNSIDE AND CIVIC DR	MULT

OWRD Water Well Log Report
T1S R3E S04
April 19, 2006

wl_nbr	well_tag_nbr	name_last	name_first	name_company	type_of_log	depth_first_water	depth_drilled	completed_depth	post_static_water_level	start_date	complete_date	startcard_nbr	work_new	work_abandonment	work_deepening	work_alteration	use_domestic	use_irrigation	township	township_char	range	range_char	sctn	qtr160	qtr40	tax_lot	street_of_well	location_county
58276	33274	HENKEL	JERRY L	HENKEL,DEBRA L	W														1	S	3	E	4			2400	20816 SE HAWTHORN	MULT
2943				NW NATURAL GAS RECT 106	W		400	0		11/14/88	11/19/88		X						1	S	3	E	4				10TH DR & NW DIVISION	MULT
55405				SEER LIMITED LIABILITY CO.	G		25	0		3/19/98	3/19/98		X	X					1	S	3	E	4	NE	NE	300	651 SE 223 AVE	MULT
58887				SEER LLC	G		30	0		8/12/99	8/12/99		X	X					1	S	3	E	4				651 SE 223RD	MULT
54510		TEXACO	REFINING	TEXACO REFINING AND MARKETING INC.	M		30	30		10/10/97	10/10/97	100541		X					1	S	3	E	4	NE	NE	3800	45 W BURNSIDE, GRESHAM	MULT
54512		TEXACO	REFINING	TEXACO REFINING AND MARKETING INC.	M		30	30		10/10/97	10/10/97	100542		X					1	S	3	E	4	NE	NE	3800	45 W BURNSIDE, GRESHAM	MULT
54513		TEXACO	REFINING	TEXACO REFINING AND MARKETING INC.	M		30	30		10/10/97	10/10/97	100543		X					1	S	3	E	4	NE	NE	3800	45 W BURNSIDE, GRESHAM	MULT
54514		TEXACO	REFINING	TEXACO REFINING AND MARKETING INC.	M		30	30		10/10/97	10/10/97	100544		X					1	S	3	E	4	NE	NE	3800	45 W BURNSIDE, GRESHAM	MULT
51663				WINMAR OREGON INC.	G		28	37		7/19/96	7/19/96		X						1	S	3	E	4	SE	SW			MULT
51664				WINMAR OREGON INC.	G		37	37		7/19/96	7/19/96		X						1	S	3	E	4	SE	SW			MULT
51665				WINMAR OREGON INC.	G		34	34	31	7/19/96	7/19/96		X						1	S	3	E	4	SE	SW		TRIMET MAX	MULT
2950		BALTZ	E P		W		67	67	30	12/31/38	12/31/38		X					X	1	S	3	E	4	SW	NE			MULT
2951		BALTZ	TOM		W		159	159	20	4/1/65	4/27/65		X				X		1	S	3	E	4	SW	NW			MULT
56381	28083	HANSON	GEORGE &EARLENE		W			100	50										1	S	3	E	4			300	1832 NW BIRDSDALE, GRESHAM	MULT
64285		HANSON	GEORGE		W			0	15	7/12/01	7/12/01	123110		X					1	S	3	E	4	SW	SW	240254	1832 NW BIRDSDALE, GRESHAM	MULT
59437		KUNKEL	JIM		W			0	30	10/25/99	10/25/99	99553		X			X		1	S	3	E	4	NW	SW	203	1920 NW 18TH, GRESHAM	MULT
2948		MAY	JAMES A		W		170	170	90	12/31/54	12/31/54		X					X	1	S	3	E	4	NW	NW			MULT
2945		MCGINNIS	M B		W		225	225	100	2/28/67	2/28/67				X			X	1	S	3	E	4					MULT
2952		SAILS HIGGINS	MRS LORENE		W		142	142	92	5/15/51	5/15/51		X					X	1	S	3	E	4	SE	SW			MULT
2947		SURFACE	MELVIN		W		160	160	26	6/30/39	6/30/39		X					X	1	S	3	E	4	NE	NW			MULT
71602		TANAKA	MRS		G		10.1	0		8/22/03	8/22/03		X	X					1	S	3	E	4				611 NW WALLULA AVE	MULT
71603		TANAKA	MRS		G		9.3	0		8/22/03	8/22/03		X	X					1	S	3	E	4				611 NW WALLULA AVE	MULT
78614		VAAGAS			G		8.33	0		8/1/05	8/1/05		X	X					1	S	3	E	4	NW	NE	10101	21440 SE STARK ST	MULT
2949		VALENTINE	JOSEPH W		W		90	90	5	12/31/51	12/31/51		X					X	1	S	3	E	4	NW	SW			MULT
78583		VANAGAS			G		8.33	0		7/18/05	7/18/05		X	X					1	S	3	E	4	NW	NE	10101	21440 SE STARK ST	MULT
78582		VANAGOS			G		6	0		7/5/05	7/5/05		X	X					1	S	3	E	4	NW	NE	10101	21440 SE STARK ST	MULT
															1	1	3	7										

MULT 67124

STATE OF OREGON
GEOTECHNICAL HOLE REPORT
(as required by OAR 690-240-035)

(1) OWNER/PROJECT: Hole Number B-1
Name Center Oak Properties LLC
Address 1049 N.W. 12th St.
City Gresham State OR Zip 97030

(2) TYPE OF WORK
[X] New [ ] Deepening [ ] Alteration (repair/recondition) [X] Abandonment

(3) CONSTRUCTION:
[ ] Rotary Air [ ] Hand Auger [X] Hollow Stem Auger
[ ] Rotary Mud [ ] Cable Tool [ ] Probe [ ] Other

(4) TYPE OF HOLE:
[X] Uncased Temporary [ ] Cased Permanent
[ ] Uncased Permanent [ ] Slope Stability [ ] Other

(5) USE OF HOLE:
Soil Samples

(6) BORE HOLE CONSTRUCTION:
Special Construction approval [ ] Yes [X] No Depth of Completed Hole 30 ft.

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
8	0	30				

Backfill placed from ____ ft. to ____ ft. Material ____
Filter Pack placed from ____ ft. to ____ ft. Size of pack ____

(7) CASING/SCREEN:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]
Screen:					[ ]	[ ]	[ ]	[ ]
					[ ]	[ ]	[ ]	[ ]

Slot size ____

(8) WELL TEST:
[ ] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian
Permeability ____ Yield ____ GPM ____
Conductivity ____ PH ____
Temperature of water ____ °F/C Depth artesian flow found ____ ft.
Was water analysis done? [ ] Yes [ ] No
By whom? ____
Depth of strata analyzed. From ____ ft. to ____ ft.
Remarks: ____

(9) LOCATION OF HOLE by legal description:
County Multnomah Latitude ____ Longitude ____
Township 1 N or (S) Range 3 (E) or W. WM.
Section 4 SE 1/4 NE 1/4
Tax Lot 700 Lot ____ Block ____ Subdivision ____
Street Address of Well (or nearest address) Vacant lot -
NW Civic & NW Burnside - Gresham

Map with location identified must be attached

(10) STATIC WATER LEVEL:
____ ft. below land surface. Date ____
Artesian pressure ____ lb. per square inch. Date ____

(11) SUBSURFACE LOG:
Ground Elevation ____

Material Description	From	To	SWL
Lg Gravels - Sand	0	10	
Sand - Sm Gravels	10	30	

Date Started 6-12-02 Date Completed 6-13-02

(12) ABANDONMENT LOG:

Material Description	From	To	Sacks or Pounds
Bentonite	0	30	15 bags

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JUL 11 2002
WATER RESOURCES DEPT.
SALEM, OREGON

Date started 6-13-02 Date Completed 6-13-02

Professional Certification
(to be signed by a licensed water supply or monitoring well constructor, or Oregon registered geologist or civil engineer).

I accept responsibility for the construction, alteration, or abandonment work performed during the construction dates reported above. All work performed during this time is in compliance with Oregon's geotechnical hole construction standards. This report is true to the best of my knowledge and belief.

License or Registration Number 10478
Signed ____ Date 7/8/02
Affiliation ____

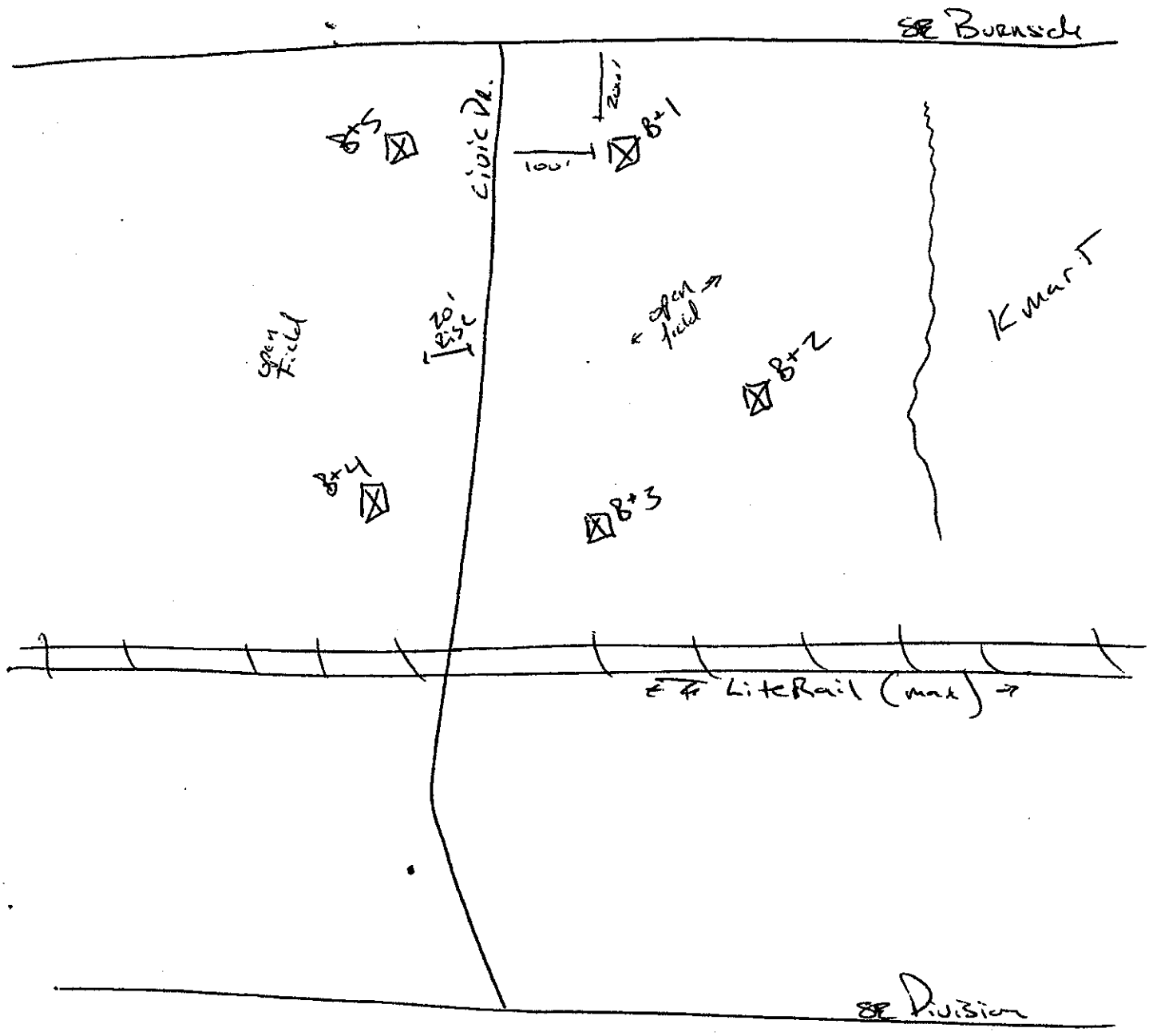
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

ORIGINAL – WATER RESOURCES DEPARTMENT FIRST COPY – CONSTRUCTOR SECOND COPY – CUSTOMER

MULT 67124

SITE MAP

RECEIVED
JUL 11 2002
WATER RESOURCES DEPT.
SALEM, OREGON



Appendix B

Client-Furnished Information Checklist

HAI COPY

PHASE I ENVIRONMENTAL SITE ASSESSMENT
CLIENT-FURNISHED INFORMATION CHECKLIST

Date: _____
HAI Project No. 6977

In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, (the "Brownfields Amendments"), the User must provide the following information (if available) to the environmental professional. Failure to do so could result in a determination that "all appropriate inquiry" is not complete. Accordingly, please indicate to the best of your knowledge the existence of this information and/or these documents by checking the appropriate boxes below; then sign this form and return it to HAI along with copies of any documents or information. This form will be attached to and made a part of the completed Phase I Report prepared by Hahn and Associates, Inc. (HAI).

Existence of Document/ Information?			Tax Lots 1202 and 1203, NW Civic Drive, Gresham, Oregon	Provided to HAI?	
Yes	No	Un-known		Yes	No
	✓	✓	1. Are there any sources of knowledge or experience that you have regarding the Property that may be pertinent to this assessment, i.e., PRIOR ENVIRONMENTAL ASSESSMENTS, or regulatory agency documents or correspondence?.		
	✓	✓	2. Environmental permits (e.g. underground or above-ground storage tank registrations/permits, solid waste disposal permits, hazardous waste disposal permits, wastewater permits, NPDES permits, etc.)		
	✓	✓	3. Information regarding whether specific chemicals are present or once were present at the property, or whether hazardous materials have been stored on site (e.g. material safety data sheets, community right-to-know plans, site safety plans, preparedness and prevention plans, spill prevention, spill control and countermeasure plans, etc.)		
	✓	✓	4. Hazardous waste generator notices or reports		
	✓	✓	5. Reports regarding geotechnical or hydrogeologic conditions on the property or surrounding area		
	✓	✓	6. Information concerning any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products		
	✓	✓	7. Notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products		
	✓	✓	8. Existence and location of water wells, fill material, drywells, sumps, pits, or drainage systems		
	✓	✓	9. Building plans (architectural, mechanical, utility, plumbing)		
	✓	✓	10. Description of current site operations, including site plans or sketches		
✓			11. Title report or preliminary title report, and/or chain of title	✓	
✓			12. Tax assessor records (previous owner and occupants)— ?	✓	
	✓	✓	13. Are you aware of any environmental liens encumbering the property or knowledge of environmental liens against the property (e.g. via title records) filed under Federal, tribal, State, or local law? (a title company or professional must be engaged to undertake such review)		
	✓	✓	14. Are you aware of any *Activity and Land Use Limitations*, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? (a title company or professional must be engaged to undertake such review)		
	✓	✓	15. Information regarding whether the purchase price being paid for this property reasonably reflects the fair market value of the property, and if not, whether the lower purchase price reflects the fact that contamination is known or believed to be present at the property		
1/25/01 7/12/01 11/5/01	proj proj. proj.	5328 5512 5652	16. As the user of this ESA, do you have any specialized knowledge or experience related to the property or nearby property? For example, if you have been a tenant of the property or have been involved in the same line of business as the current or former occupant(s) you may have specialized knowledge of the chemicals and/or processes used at the property		

Hahn Phase I's for Metro on nearby properties

PHASE I ENVIRONMENTAL SITE ASSESSMENT
CLIENT-FURNISHED INFORMATION CHECKLIST

Date: _____
HAI Project No. 6977

Existence of Document/ Information? Yes	No	Un-known		Provided to HAI? Yes	No
	✓	✓	17. Regarding commonly known or reasonably ascertainable information about the property (40CFR312.30): Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example as the user,		
	✓	✓	(a) Do you know the past uses of the property?		
	✓	✓	(b) Do you know of specific chemicals that are present or once were present at the property?		
	✓	✓	(c) Do you know of spills or other chemical releases that have taken place at the property?		
	✓	✓	(d) Do you know of any environmental cleanups that have taken place at the property?		
	✓	✓	18. As the user of this ESA, based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?		

19. What type of property transaction is this assessment being performed for?
A. ____ Sale of Property
B. ✓ Purchase of Property
C. ____ Exchange of property
D. ____ Other (Specify)

20. Statement of Purpose for Environmental Site Assessment:
A. ✓ Due diligence purposes in support of innocent purchaser defense under CERCLA
B. ____ Due diligence purposes in support of bona fide prospective purchaser defense under CERCLA
C. ____ Due diligence purposes in support of or contiguous owner defense under CERCLA
D. ____ Business Risk
E. ____ Other (Specify)

21. What is the complete and correct address and/or legal description of this property, ie., Map and Tax Lot(s) ?
no site address; 1S3E04DA TL 1202 & 1203, Mult. Co.

22. Are there any additional required scopes of service that apply to this assessment, ie., lender requirements beyond ASTM Practice E 1527-05, such as those required by a buyer, seller, etc.?
no.

23. Are there any additional parties, beyond the Client who will rely on the Phase I Report, such as a lender, etc.?
no.

24. Please provide the name and contact information (telephone, email, fax, etc.) for the site contact:
Fred Bruning, President Centercal (503) 968-8940; Andy Wilk, Devel. Director, ajwilk@centercal.com, same ph.

25. Are there any special Terms and Conditions which must be agreed upon by the environmental professional?
no

I have reviewed the above list and where noted have provided copies of existing documents and information.

[signature] — **Signature**

4-14-06 — **Date**

Karen M. Starin for Metro — **Printed Name**

_____ — **Company Name/Firm (if applicable)**

Appendix C

Oregon Department of Environmental Quality
Environmental Cleanup Site Information Site Summary Reports

Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 870

This report shows data entered as of April 5, 2006 at 2:01:55 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 870	Site Name: Bugmaster Spray Service	CERCLIS No:
Address:	21649 SE Ash ST Gresham 97030	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	Suspect site requiring further investigation	
	Brownfield Site: No NPL Site: No	Orphan Site: No Study Area: No
Property:	Twnshp/Range/Sect: 1N , 3E , 33	Tax Lots:
	Latitude: 45.5212 deg. Longitude: -122.4403 deg.	Site Size: 0.3 acres
Other Site Names:		

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	(12/14/93 KPD/SAS) Bugmaster is a private pesticide spray company owned and operated by Norm Hinote, and is run from his family's house in Gresham. Beginning in 1983, complaints were received of improper spraying and dumping at the house, mostly from equipment cleaning. In 1985, Hinote moved his equipment to a lot a few blocks away, but complaints of residual contamination (particularly odors) continued. A 1991 state PA found no visual evidence of contamination. A soil sample taken at an adjacent residence, however, found low levels of three pesticides.
Manner and Time of Release:	Alleged improper spraying and burial of wastes on-site, from early 1970s to 1985.
Hazardous Substances/Waste Types:	pesticides
Pathways:	
Environmental/Health	

Threats:	
Status of Investigative or Remedial Action:	(12/14/93 KPD/SAS) Although there is no visible evidence of contamination, no samples have been taken from the areas most likely to have been impacted by the alleged activities (i.e. the Hinotes' backyard and the adjacent woods). Site Assessment recommends an expanded PA (XPA), to include sampling for a broad range of pesticides (including insecticides, fungicides, and herbicides). Because groundwater in the area is used for municipal needs, the XPA should be given a medium priority.
Data Sources:	1) May 1991 state Preliminary Assessment. 2) Correspondence from complainant.

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded

No information is available

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
State Expanded Preliminary Assessment recommended (XPA) (Primary Action)	06/06/1991	06/06/1991	John Odisio	SAS

View Full Report Showing Action History

Key to certain acronyms and terms in this report:

CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.

Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.

NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).

Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.

Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.

Pathways: A description of human or environmental resources that site contamination could affect.

Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

For more information on this site you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 4039

This report shows data entered as of April 5, 2006 at 2:02:23 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

Site Photos

Click to View Photo	Picture Date	Caption	Size
View Photo	05/14/2004	data	674 Kb
View Photo	05/14/2004	data	894 Kb
View Photo	05/14/2004	data	461 Kb
View Photo	05/14/2004	data	503 Kb
View Photo	05/14/2004	data	724 Kb
View Photo	05/14/2004	data	273 Kb
View Photo	05/14/2004	site map	368 Kb
View Photo	05/14/2004	site map with data	561 Kb
View Photo	05/14/2004	site map with data	594 Kb

General Site Information

Site ID: 4039	Site Name: Eklund Development	CERCLIS No:
Address:	1060 NE Cleveland Ave Gresham 97030	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	Listed on CRL or Inventory	
	Brownfield Site: No NPL Site: No	Orphan Site: No / Study Area: No
Property:	Twnshp/Range/Sect: 1S , 3E , 3	Tax Lots: 900
	Latitude: 45.5051 deg. / Longitude: -122.4211 deg.	Site Size: 1.15 acres
Other Site Names:	Pony Soldier Inn	

Site Characteristics

General Site Description: The site is a 74 unit, two-story motel located at 1060 NE Cleveland Avenue in Gresham, Oregon. A Phase I Environmental Site Assessment (ESA), performed in June 2003, identified a petroleum truck stop that was previously located on the property. The ESA states that based on a review of aerial photographs, the truck stop was located on-site from at least the early 1950s until it was removed sometime prior to 1984. The motel was constructed in 1986. No specific

	information on the operation or fueling facilities was reportedly located. The configuration of the truck stop was estimated from historical aerial photographs and overlain on current site drawings.
Site History:	
Contamination Information:	(KJR/VCP 5/14/04) Contamination at the site is petroleum products (gasoline, diesel, and their constituents) from the historic operation of the site as a truck stop. Contaminants of Potential Concern (COPCs) identified for soil were gasoline, diesel, benzene, ethylbenzene, xylenes, 1,2,4-TMB, 1,3,5-TMB, lead, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, and naphthalene. COPCs identified for groundwater were gasoline, diesel, benzene, and lead.
Manner and Time of Release:	unknown
Hazardous Substances/Waste Types:	petroleum
Pathways:	The site is located in the Portland Basin. Flood deposits, consisting primarily of silt, sand, and gravel, from the Missoula Floods are the primary shallow formation in the area. The site is not near any surface water body. Water wells in the area of the site are generally drilled into the deeper Troutdale Formation and Columbia River Basalt Group to obtain sustainable yields. Regional groundwater migration for the shallow flood deposits and deeper aquifers are generally towards the northwest. Subsurface soils encountered at the site consisted of silt to approximately 10 feet underlain by sand to the total depth explored of 15 feet below ground surface (bgs). Groundwater was generally encountered at approximately 10 feet bgs. Only three water wells were listed in the Oregon Water Resources Department (WRD) database for the map section the site is located in. Two were listed as domestic wells and one as an irrigation well. All three were completed at depths greater than 85 feet bgs with static water levels greater than 40 feet. The nearest well is located greater than ¾-mile cross gradient of the site. The site is not located near any surface water bodies, springs, or wetlands. The area's primary drinking water aquifer is the Troutdale Formation, which based on the few logs located near the site is located at depths greater than 75 feet bgs. A review of the boring logs indicated evidence of contamination in soil was not noted at depths greater than 14 feet bgs indicating the potential for impacts to the Troutdale Formation is low. The site and adjacent properties are connected to the City of Gresham's municipal water supply. Shallow groundwater is not currently used in the site vicinity, and future use of shallow groundwater is not considered to be likely.
Environmental/Health Threats:	Compounds detected at levels exceeding residential RBCs were identified as COPCs for further evaluation. COPCs identified for soil were gasoline, diesel, benzene, ethylbenzene, xylenes, 1,2,4-TMB, 1,3,5-TMB, lead, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, dibenzo(a,h)anthracene, and naphthalene. COPCs identified for groundwater were gasoline, diesel, benzene, and lead. The following exposure pathways were retained at the site: 1) Soil & Groundwater - Occupational – Volatilization to Outdoor Air; 2) Soil & Groundwater - Occupational – Vapor Intrusion into Buildings; 3) Soil & Groundwater - Construction & Excavation Worker – Ingestion, Inhalation, and Dermal Contact

The maximum concentration of each COPC in soil was compared to the appropriate generic RBC pathway. Only benzene for the occupational – vapor intrusion into buildings pathway exceeded DEQ's generic RBCs. Benzene was only detected in two of the seven soil samples collected during the initial site assessment. Benzene was detected at 45 mg/kg in boring B-5 (11-12 feet bgs) and 2.7 mg/kg in boring B7 (5-10 feet bgs). Both benzene concentrations exceed the generic soil vapor intrusion into building's RBC of 1.2 mg/kg. However, these borings are located greater than 15 feet from the motel building. Boring B8 was an angle boring installed adjacent to the building. To further evaluate the vapor intrusion pathway, the soil sample collected from boring B8 at 15 feet (vertical depth of 6 feet bgs) was analyzed for BTEX. Benzene was not detected in the soil sample.

The maximum concentration of each COPC in groundwater was compared to the appropriate generic RBC pathway. None of the maximum concentrations of COPCs in groundwater exceeded their respective RBCs for identified pathways. Adequate data has been collected from the site to evaluate the both the extent of soil and groundwater contamination and to evaluate the source area. The extent of contamination further supports the regional northwestern groundwater flow.

Based on the results of BTEX analysis from boring B8, the occupational soil vapor intrusion into building pathway is not currently complete. However, the pathway does have the potential to be complete if additional structures are built in the vicinity of borings B5 and B7. Groundwater contamination was determined not to pose a current risk at the site.

Status of Investigative or Remedial Action:

(1/16/04 KR/ICP) Entered DEQ's Independent Cleanup Pathway program in January 2004. (5/14/04 KJR/ICP) Seven soil borings (B1 through B7) were advanced at the site in July 2003 to evaluate subsurface conditions related to the site's past history as a petroleum truck stop. Eight additional soil borings (B8 through B15) were advanced at the site in January 2004 to further evaluate soil and gw conditions. During the advancement of the initial seven soil borings, soil samples were collected from areas of observed contamination. Gw was encountered around 10 feet bgs but not sampled. Potential free product was noted at the soil/gw interface on the boring log for boring B5. Boring B5 was located at the south end of the former petroleum storage area. One soil sample was collected from each of the seven borings and analyzed for hydrocarbon identification. Gasoline was identified in all seven soil samples and diesel was identified in six soil samples. The soil samples were quantified by the appropriate follow up methods: gasoline; BTEX; and diesel and heavy oil. A soil sample collected, from approximately 11-12 feet bgs in boring B5, contained the highest concentrations of gasoline and diesel and was analyzed for petroleum constituents for the risk-based cleanup evaluation. The B5 sample laboratory analyses included: PAHs, lead, and VOCs. The VOC analyses included: BTEX; MtBE; 1,2,4-TMB; 1,3,5-TMB; naphthalene; iso-propylbenzene; n propylbenzene; EDB; and EDC. Gasoline was detected in soil at levels ranging from 860 mg/kg to 21,000 mg/kg. Diesel was detected in soil at levels ranging from 190 mg/kg to 26,000 mg/kg. Heavy oil was detected in two soil samples at 96 mg/kg and 1,100 mg/kg. Benzene was only detected in soil samples from B5 (11-12 feet bgs) and sample B7 (9.5-10 feet bgs) at levels of 45 mg/kg and 2.7 mg/kg, respectively. Toluene, ethylbenzene, and xylenes were detected in all seven soil samples at levels ranging from 1.5 mg/kg to 550 mg/kg. PAHs were detected in sample B5 (11-12 feet bgs) at levels ranging from 0.5 mg/kg to 88 mg/kg. Total lead, iso-propylbenzene, n propylbenzene, 1,2,4-TMB, and 1,3,5-TMB were detected in sample B5 (11-12 feet bgs) detected at 32 mg/kg, 10 mg/kg, 45 mg/kg, 290 mg/kg, and 65 mg/kg, respectively. Concentrations of MtBE, EDB, and EDC were not detected in sample B5 (11-12 feet bgs).

Eight additional soil borings were installed, in January 2004, to delineate documented soil contamination and to evaluate groundwater conditions. One soil sample was collected from each of seven borings boring, B-9 through B-15, and two soil samples were collected from boring B-8. Boring B-8 was drilled at a 65 degree angle to sample soil beneath the existing motel structure. All nine soil samples were analyzed for gasoline and diesel. Gasoline was detected in soil samples B8 (8 feet (vertical depth 3.4 feet)) at 2,000 mg/kg, B8 (15 feet (vertical depth 6 feet)) at 3,400 mg/kg, B14 (2 feet) 1.1 mg/kg, and B15 (5 feet) at 2,400 mg/kg. Diesel was detected in samples B8 (8 feet (vertical depth 3.4 feet)) at 1,800 mg/kg, B8 (15 feet (vertical depth 6 feet)) at 6,200 mg/kg, B14 (2 feet) 65 mg/kg, and B15 (5 feet) at 2,000 mg/kg. Heavy oil was detected in sample B14 (2 feet) at 150 mg/kg. Groundwater samples were collected from all eight soil borings (B8 to B15). Groundwater samples were collected from depths of approximately 10 feet bgs. Groundwater samples were analyzed for gasoline, diesel), dissolved lead, PAHs, and risk-based petroleum constituents or the full VOC suite. Compounds were primarily detected in borings B8 and B15. Boring B15 is located within 5 feet of boring B5 in which potential free product was originally noted. Boring B8 is located adjacent to the motel building and is directly south of boring B5. Gasoline was only detected in groundwater from borings B8 and B15 at levels of 5,800 ug/L and 10,000 ug/L, respectively. Diesel was also only detected in groundwater from borings B8 and B15 at levels of 2,300 ug/L and 4,200 ug/L, respectively. Dissolved lead was detected in groundwater from borings B8 (12 ug/L), B13 (7.0 ug/L), B14 (34 ug/L), and B15 (12 ug/L). Of the PAHs, only acenaphthene in groundwater from borings B8 (0.29 ug/L) and B14 (0.41 ug/L), anthracene from boring B14 (0.19 ug/L), fluoranthene in boring B14 (0.38 ug/L), fluorene in borings B8 (2.8 ug/L) and B14 (0.60 ug/L), naphthalene in borings B8 (29 ug/L), B14 (5.9 ug/L), and B15 (370 ug/L), and pyrene in boring B14 at (0.3 ug/L) were detected. Of the risk based petroleum constituents, only toluene in groundwater from borings B12 (6.6 ug/L) and B-15 (1.5 ug/L) and iso-propylbenzene (3.2 ug/L) were detected. Groundwater from boring B15 was analyzed for the full VOC suite. In addition to the RBCs listed above, 1,4-dichlorobenzene (4.2 ug/L) and cholorbenzene (13 ug/L) were detected in the groundwater from boring B15.

Evaluation of Site Assessment Results - Soil and groundwater analytical results from the site assessments were compared to generic residential RBCs listed in DEQ's "Risk-Based Decision Making for the Remediation of Petroleum-Contaminated Sites" guidance dated September 22, 2003. Compounds detected at levels exceeding residential RBCs were identified as COPCs for further evaluation. COPCs identified for soil were gasoline, diesel, benzene, ethylbenzene, xylenes, 1,2,4-TMB, 1,3,5-TMB, lead, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, dibenz(a,h)anthracene, and naphthalene. COPCs identified for groundwater were gasoline, diesel, benzene, and lead. Concentrations of 1,4-dichlorobenzene (4.2 ug/L) and cholorbenzene (13 ug/L) detected in the groundwater from boring B15 were compared to their respective EPA Region 9 tap water PRGs, dated October 1, 2002. The detected concentration of 1,4-dichlorobenzene exceeded the tap water level of 0.5 ug/L. The detected concentration of chlorobenzene did not exceed the tap water level of 110 ug/L.

The conceptual site model for the site was prepared in order to evaluate potential complete pathways at the site. The extent of soil and groundwater contamination has been delineated with the exception of the extent under Northeast Cleveland Avenue. Further assessment of the extent of contamination beneath Northeast Cleveland Avenue is prevented by underground utilities. The gw flow direction of the shallow unconsolidated flood deposit aquifer is towards the northwest based on regional flow studies performed by the USGS.

The following exposure pathways were retained at the site: 1) Soil & Groundwater - Occupational – Volatilization to Outdoor Air; 2) Soil &

Groundwater - Occupational – Vapor Intrusion into Buildings; 3) Soil & Groundwater - Construction & Excavation Worker – Ingestion, Inhalation, and Dermal Contact

The maximum concentration of each COPC in soil was compared to the appropriate generic RBC pathway. Only benzene for the occupational – vapor intrusion into buildings pathway exceeded DEQ's generic RBCs. Benzene was only detected in two of the seven soil samples collected during the initial site assessment. Benzene was detected at 45 mg/kg in boring B-5 (11-12 feet bgs) and 2.7 mg/kg in boring B7 (5-10 feet bgs). Both benzene concentrations exceed the generic soil vapor intrusion into building's RBC of 1.2 mg/kg. However, these borings are located greater than 15 feet from the motel building. Boring B8 was an angle boring installed adjacent to the building. To further evaluate the vapor intrusion pathway, the soil sample collected from boring B8 at 15 feet (vertical depth of 6 feet bgs) was analyzed for BTEX. Benzene was not detected in the soil sample. The maximum concentration of each COPC in groundwater was compared to the appropriate generic RBC pathway. None of the maximum concentrations of COPCs in groundwater exceeded their respective RBCs for identified pathways. Adequate data has been collected from the site to evaluate the both the extent of soil and groundwater contamination and to evaluate the source area. The extent of contamination further supports the regional northwestern groundwater flow.

Based on the results of BTEX analysis from boring B8, the occupational soil vapor intrusion into building pathway is not currently complete. However, the pathway does have the potential to be complete if additional structures are built in the vicinity of borings B5 and B7. Groundwater contamination was determined not to pose a current risk at the site.

DEQ has identified the following corrective action objectives for the site: 1) Prevent occupation exposure to soil and groundwater contamination (i.e., ensure future use of the property is limited to commercial or industrial land uses consistent with the risk assessment); 2) Protect site workers from exposure to benzene vapors as a result of volatilization from soil or shallow gw to indoor air (buildings) or outdoor air; 3) Protect site workers from exposure to contaminated site soil or gw above risk-based concentrations; 4) Reduce and/or mitigate the exposure of excavation workers to contaminated shallow gw; and 5) Prevent the excavation and redistribution of subsurface soil with concentrations above levels protective of future site workers.

The following actions need to be performed: 1) implement a deed restriction, in the form of an Equitable Easement and Servitude; 2) Provide written notification to offsite entities that could be exposed to contaminated soil or gw; 3) site will be recommended for listing on the CRL and Inventory to track the institutional control. A final decision on the proposed remedy will be made after consideration of public comments. (11/29/05 JMW/SAP) Comment period for CRL/Inventory listing closed November 23, 2005. No comments were received. (12/27/05 KJR/VCP) E&ES was recorded with Multnomah County on 11/23/05. Site has been listed on CRL & Inventory. Conditional NFA issued on 12/15/05.

Data Sources:

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded

No information is available

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
No Further Action (Conditional) (Primary Action)	12/15/2005	12/15/2005	Katie Robertson	VCP

View Full Report Showing Action History

Site Environmental Controls

Control

Control Description	Begin Date	End Date	Last Reviewed By	Last Review Date
Easement Equitable Servitude	11/23/2005		Katie Robertson	11/23/2005

Comments: Restrictions: No GW use, remain commercial or industrial zoned, use of engineering controls if building expanded in "area of restricted construction", must manage soil if excavated

Key to certain acronyms and terms in this report:
CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.
Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.
NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).
Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.
Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.
Pathways: A description of human or environmental resources that site contamination could affect.
Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

You may be able to obtain more information about this site by contacting Katie Robertson at (541) 278-4620 or via email at robertson.kathleen@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 1675

This report shows data entered as of April 5, 2006 at 2:02:39 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 1675	Site Name: Gresham (City of) Old Shop Site	CERCLIS No:
Address:	219 S Main Ave. Gresham 97030	
	County: Multnomah	Region: Northwest
Other location information:	The site is bounded by Johnson Creek on the north and east sides, by South Main Ave. on the west, and the Springwater Corridor Trail on the South. The City of Gresham Main City Park is located north and east of the site.	
Investigation Status:	Listed on CRL or Inventory	
	Brownfield Site: No NPL Site: No	Orphan Site: No Study Area: No
Property:	Twnshp/Range/Sect: 1S , 3E , 10	Tax Lots: Boones Addition & 1500
	Latitude: 45.4954 deg. Longitude: -122.4305 deg.	Site Size: 34,500 sq.ft.
Other Site Names:	Old Shop Site	

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	(7/5/95 TER/VCS) Site investigations performed by the City of Gresham beginning in 1989 identified a PCB-contaminated concrete slab, gasoline contamination from an underground storage tank, petroleum hydrocarbons, PAHs and lead associated with former automobile wrecking yard activities, and pesticides in an on-site oil/water separator associated with the handling and storage of landscape maintenance materials. As part of an Additional Site Investigation in October 1994, additional site work was recommended for cleanup of the former wrecking yard contamination. The City of Gresham signed a Letter Agreement with DEQ's Voluntary Cleanup Program in May 1995 for review and oversight of further investigation and cleanup at the site.
Manner and Time of Release:	Past practices; an automobile towing, repair and wrecking yard (1940s-1967), a storage facility for pole-mounted transformers (1950-1987), a public works equipment storage facility, equipment fueling facility with USTs, and landscape maintenance equipment operation and storage facility (1971-1993).

Hazardous Substances/Waste Types:	Heavy oil range petroleum hydrocarbons, PAHs, PCBs, pesticides, lead.
Pathways:	Four known water supply wells have been identified within 0.5 mile of the site. The closest of these, approximately 300 feet southwest of the site, is for irrigation purposes for the Forest Lawn Memorial Park. The second nearest well is an industrial water well for the Gresham General Hospital. These were drilled to 715 and 369 feet respectively. UST data from neighboring sites indicates that shallow groundwater ranges from 9-17 feet below ground surface. The City of Portland Bull Run conduit number three passes east/west through the site. The site area is generally served by public sanitary sewers. A sewer manhole is present in the southwest area of the site.
Environmental/Health Threats:	Shallow soils are contaminated at the site, posing a potential risk of direct contact exposure to site workers or Park users. Soil data indicates that contamination decreases with depth and groundwater has not likely been impacted; although no groundwater data has been collected at the site. Johnson Creek is adjacent to the site but contaminants in soil are not likely to be migrating to the creek under current site conditions (paved for park use).
Status of Investigative or Remedial Action:	(11/4/98 TER/VCS) Removal actions initiated at the site 7/10/95. File review completed 7/20/95. Removal action completed and report prepared. Comments provided on the report 11/13/95. Met with the City of Gresham 12/7/95 to discuss comments and outstanding issues. Data Gap Investigation Work Plan was submitted by Parametrix, Inc. and approved by DEQ. Field work completed in the Summer of 1996. Risk assessment was completed in October 1997. (7/26/04 TER) On 7/22/04 DEQ issued a Conditional No Further Action based on a park-use scenario. An Easement & Equitable Servitude was recorded with Multnomah County as an institutional control on the property; it requires notification to DEQ if land use changes from a city park.
Data Sources:	

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
BENZENE	Soil	0.038 ppm	10/4/1994
BENZO(a)ANTHRACENE	Soil	.360 ppm	10/4/1994
BENZO(a)PYRENE	Soil	.370 ppm	10/4/1994
BENZO(b)FLUORANTHENE	Soil	.720 ppm	10/4/1994
CHLORDANE	Sludge	590 ppm	4/19/1994
CHRYSENE	Soil	.670 ppm	10/4/1994
DDD,p,p'-	Soil	.026 ppm	10/4/1994
DDE,p,p'-	Soil	.0087 ppm	10/4/1994
ETHYLBENZENE	Soil	.018 ppm	10/4/1994
HEPTACHLOR	Sludge	12 ppm	4/19/1994
INDENO(1,2,3-cd)PYRENE	Soil	0.16 ppm	10/4/1994
LEAD	Soil	570 ppm	4/19/1994
PCBs	Soil	0.46 ug/g	6/2/1989
TOLUENE	Soil	.02 ppm	10/4/1994
TOTAL PETROLEUM HYDROCARBONS (TPH)	Soil	26,000 ppm	4/19/1994
XYLENEs	Soil	.130 ppm	10/4/1994

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm

No Further Action (Conditional) (Primary Action) 07/22/2004 07/22/2004 Thomas Roick VCS
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Site Environmental Controls

Control Description	Begin Date	End Date	Last Reviewed By	Last Review Date
Use Restriction Land	02/02/2004		Tom Roick	

Comments: Easement & Equitable Servitude restricts land use to a park (City of Gresham Main City Park) unless other uses are approved by DEQ.

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Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.
NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).
Orphan Site: Has DEQ's Orphan Program been active at this site? (Y/N). The Orphan Program uses state funds to clean up high-priority sites where owners and operators responsible for the contamination are absent, or are unable or unwilling to use their own resources for cleanup.
Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.
Pathways: A description of human or environmental resources that site contamination could affect.
Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

You may be able to obtain more information about this site by contacting Thomas Roick at (503) 229-5502 or via email at roick.tom@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 132

This report shows data entered as of April 5, 2006 at 2:02:51 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

General Site Information

Site ID: 132	Site Name: MAACO Auto Paint - Gresham	CERCLIS No:
Address:	2441 NW Eleven Mile AVE Gresham 97030	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	No further action required	
	Brownfield Site: No NPL Site: No	Orphan Site: No Study Area: No
Property:	Twnshp/Range/Sect: 1S , 3E , 5	Tax Lots:
	Latitude: 45.5144 deg. Longitude: -122.4583 deg.	Site Size: unknown
Other Site Names:	Pro-Met Machining JR Auto Enterprises, Inc.	

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	(1/21/92 ALB) The site was picked up from NWR source file review in SAS's 1988 discovery project. Regional personnel responded 6/87 to a complaint of solvent dumping on the site. DEQ collected soil samples from the hole where the disposal was alleged. These samples revealed trace levels of solvent contamination and low levels of diesel/oil contamination and gasoline constituents. Regional staff determined there was no hazardous waste violation. Shortly after the initial complaint response, the business was gutted by a fire. The property was subsequently transferred to new owners and redeveloped. The alley behind MAACO Auto Paint, where the dumping was alleged, was excavated to a depth of approximately one foot and paved over and roofed. DEQ did not sample the area after the excavation. The site is currently occupied by Pro-Met Machining Inc.
Manner and Time of Release:	Waste disposal practice; time of release unknown.
Hazardous	naphthalene, ethylbenzene, toluene, trichloroethylene

Substances/Waste Types:	
Pathways:	
Environmental/Health Threats:	
Status of Investigative or Remedial Action:	No further action recommended. Levels of hazardous substances listed in this report reflect the concentrations before removal. No samples were taken after the removal (ALB 2/4/92).
Data Sources:	

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
ETHYLBENZENE	Soil	7.6 ppm	
NAPHTHALENE	Soil	140 ppm	
TOLUENE	Soil	18.5 ppm	
TRICHLOROETHYLENE	Soil	0.7 ppm	

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
NO FURTHER STATE ACTION REQUIRED (Primary Action)	02/04/1992	02/04/1992	Aaron Bodor	SAS

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For more information on this site you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

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Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 4445

This report shows data entered as of April 5, 2006 at 2:03:03 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

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General Site Information

Site ID: 4445	Site Name: Ron Tonkin Gresham Honda	CERCLIS No:
Address:	675 NE Burnside Gresham 97030	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	No further action required	
	Brownfield Site: No NPL Site: No	Orphan Site: No Study Area: No
Property:	Twnshp/Range/Sect: 1S , 3E , 3	Tax Lots: 200
	Latitude: 45.5075 deg. Longitude: -122.4238 deg.	Site Size: 0.25 acres
Other Site Names:	Newell Gresham Honda Tonkin Gresham Honda	

Site Characteristics

General Site Description:

Site History:

Contamination Information:

Manner and Time of Release: Injection to drywells 1960s through 2000.

(Oct. 10, 2005, Bob Schwarz) Ron Tonkin Gresham Honda is an auto dealership in Gresham, Oregon. The facility had three connected drywells on the northwest portion of the property that handled waste water from wash rack catch basins, shop catch basins and rain drains. The drywells were used from the 1960s until 2000, when they were removed along with contaminated soil surrounding them. Waste water from the site now is handled by the City of Gresham's sanitary sewer system.

In 2000, about 150 tons of contaminated soil were removed and transported to TPS Technologies Soil Recycling in Portland, Oregon. An additional 50 tons of impacted soil were removed from the excavation and later returned to the bottom

of the excavation. This material was then covered with backfill material generated from a sanitary sewer line connection on the site. About 2,900 gallons of water were removed from one of the drywells.

During an investigation in 2000, four soil samples were collected and analyzed for petroleum hydrocarbons. The most contaminated of these was also analyzed for PCBs, metals, volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PAHs). PCBs were not detected. Metals were not found at levels of concern. Some VOCs and PAHs were found above human health screening levels.

In addition to confirmation sampling in the excavation, three test pits were completed about 20 feet northwest, north and northeast of the excavation to determine the lateral extent of contamination. Based on field observations and lab analysis for petroleum hydrocarbons, the contamination from the drywells did not extent to the locations of the test pits.

Additional soil and groundwater sampling was conducted in 2004 at the location of the highest contamination found during the 2000 investigation. The samples were analyzed for petroleum hydrocarbons, PAHs and VOC.

An analysis was conducted to evaluate the risk to human health posed by the remaining contamination. This analysis took into account reasonably likely routes of exposure. Risk to human health and ecological receptors was determined to be below levels of concern. DEQ therefore determined that no further action is required at this site.

Notice of the proposed No Further Action determination was published in the Oregonian and in the Secretary of State's Bulletin on August 1, 2005. Comments were requested by August 31 1, 2005. No comments were received. DEQ issued the No Further Action determination on September 19, 2005.

Hazardous Substances/Waste Types:	Petroleum, VOCs, PAHs
Pathways:	Leaching to groundwater, volatilization to indoor/outdoor air, and direct contact among excavation workers were the pathways of initial concern.
Environmental/Health Threats:	
Status of Investigative or Remedial Action:	(6/12/05 BS/ICP) Independent cleanup report under review by DEQ.

(Oct 10, 2005, Bob Schwarz:) Ron Tonkin Gresham Honda is an auto dealership in Gresham, Oregon. The facility had three connected drywells on the northwest portion of the property that handled waste water from wash rack catch basins, shop catch basins and rain drains. The drywells were used from the 1960s until 2000, when they were removed along with contaminated soil surrounding them. Waste water from the site now is handled by the City of Gresham's sanitary sewer system.

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Data Sources:
- Century West, Project Status report, Dec. 8, 2000
- Bergeson-Boese & Associates, Inc., Letter Report, January 10, 2005

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
BENZO(a)ANTHRACENE	Groundwater	0.302 ug/L	
BENZO(a)ANTHRACENE	Soil	1.3 mg/kg	
BENZO(a)PYRENE	Groundwater	0.207 ug/L	
BENZO(a)PYRENE	Soil	1.07 mg/kg	
BENZO(b)FLUORANTHENE	Soil	0.794 mg/kg	
DICHLOROBENZENE,1,4-	Groundwater	1.02 ug/L	
DIESEL - FUEL OIL	Soil	7,410 mg/kg	3/1/2004 5:10:58 PM
INDENO(1,2,3-cd)PYRENE	Soil	0.716 mg/kg	
OIL OR FUEL RELATED COMPOUNDS	Soil	Heavy Oil 4,290 mg/kg	3/1/2004 5:11:59 PM
TRIMETHYLBENZENE,1,3,5-	Soil	3.3 mg/kg	

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
NO FURTHER STATE ACTION REQUIRED (Primary Action)	09/19/2005	09/19/2005	Bob Schwarz	ICP

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You may be able to obtain more information about this site by contacting Bob Schwarz at (541) 298-7255 x30 or via email at schwarz.bob@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 2052

This report shows data entered as of April 5, 2006 at 2:03:18 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

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General Site Information

Site ID: 2052	Site Name: PGE - Transformer Oil Spill	CERCLIS No:	
Address:	SE Stark ST and Fairview AVE Gresham 97080		
	County: Multnomah	Region: Northwest	
Other location information:	(Lat./long. coordinates are for the intersection of SE Stark and SE Fairview.)		
Investigation Status:	Suspect site requiring further investigation		
	Brownfield Site: No NPL Site: No	Orphan Site: No	Study Area: No
Property:	Twnshp/Range/Sect: 1N , 3E , 34	Tax Lots:	
	Latitude: 45.5191 deg. Longitude: -122.4325 deg.	Site Size:	
Other Site Names:			

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	A 12/26/96 ice storm that was especially severe in east Multnomah County caused the release of up to 18 gallons of fluids each from about eight pole-mounted transformers along SE Stark St. and Fairview Ave. in Gresham. Based on records kept by PGE, fluids in some of the transformer contained PCBs, at concentrations between <1 ppm and 84 ppm. PGE attempted to recover as much of the transformer fluids as possible, but precipitation and inclement conditions caused some of these fluids to drain into catch basins connected to dry wells under the street. Therefore, soils and sludges in these dry wells may be contaminated with PCBs.
Manner and Time of Release:	A severe ice storm on December 26, 1996 broke many telephone poles in this area, some of which had transformers that hit the ground and released fluids to Stark St.
Hazardous Substances/Waste Types:	Polychlorinated biphenyls (PCBs).
Pathways:	The primary pathway of concern is the potential for street maintenance workers

	to be directly exposed to PCB-contaminated dry well sludges. Such contact could occur if workers clean out catch basins and dry wells, or if dry wells are decommissioned in the future. Preliminary indications from a DEQ toxicologist are that the level of PCBs in sludges would have to be very high in order to cause significant direct-contact exposures, based on the one-time, short-duration exposure scenario associated with drywell cleaning or maintenance. (This assumes proper management and disposal of sludges following excavation.) Groundwater contamination is also a possibility, although not considered likely because PCBs tend to resist downward migration in soil.
Environmental/Health Threats:	
Status of Investigative or Remedial Action:	(GMW 9/8/97) After DEQ's Spill Program referred this release to the Cleanup Program for follow-up, Site Assessment initially required PGE to sample sludge from affected dry wells under OAR Div. 108 spill rules. However, based on an in-house toxicological consultation suggesting that significant exposure effects did not appear likely, Site Assessment withdrew this sampling requirement and has evaluated the release as a standard "site." Following this evaluation, Site Assesssment recommends that PGE take these actions: 1) coordinate with EPA's Oregon Operations Office to determine if there are any TSCA requirements that apply to this situation, given that three transformers contained >50 ppm PCBs; 2) sample sludge from a sump that received the most concentrated PCB oil, and analyze for PCBs; 3) conduct a risk analysis for this level of PCBs, using direct contact of a maintenance worker with the sludge as the exposure endpoint of concern; and 4) work with Multnomah County (owner of the street and sumps) to ensure that county employees will not face unacceptable risks associated with this site in the future. Further state action is a low priority.
Data Sources:	

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded
No information is available			

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
Site Confirmatory Sampling recommended (Primary Action)	09/08/1997	09/08/1997	Gil Wistar	SAS

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Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

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Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 4237

This report shows data entered as of April 5, 2006 at 2:03:35 PM

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General Site Information

Site ID: 4237	Site Name: Obrist and Cunningham, Inc.	CERCLIS No:
Address:	935 SE 202nd Ave. Portland 97233	
	County: Multnomah	Region: Northwest
Other location information:		
Investigation Status:	Suspect site requiring further investigation	
	Brownfield Site: No NPL Site: No	Orphan Site: No Study Area: No
Property:	Twnshp/Range/Sect: 1S , 3E , 5	Tax Lots: 1600
	Latitude: 45.5174 deg. Longitude: -122.4582 deg.	Site Size: 0.97 acres
Other Site Names:		

Site Characteristics

General Site Description:	
Site History:	
Contamination Information:	Soil samples from the Old Wash Bay Drywell showed the presence of gasoline, diesel and heavy oil in soils. Soil samples from the parking lot stormwater drywell showed the presence of diesel and heavy oil in soils. Parking lot stormwater drywell analytical results also showed the presence of lead at concentrations that qualified the material as hazardous waste.
Manner and Time of Release:	[10/26/2004/ CH] Releases of petroleum hydrocarbons to the subsurface via drywells on the site.
Hazardous Substances/Waste Types:	gasoline, diesel, heavy oil, lead
Pathways:	
Environmental/Health Threats:	
Status of Investigative or	(7/11/05 JMW/SAP) Site entered DEQ's Independent Cleanup Program in July 2005.

Remedial Action:

(10/18/05 MG/ECP) Approximately 45 tons of soil were removed from the old wash bay drywell and disposed of at the Hillsboro Landfill. Approximately 65 tons of soil were removed from the parking lot stormwater drywell and disposed of as hazardous waste. Soil samples collected following the soil removal showed non-detect for all petroleum hydrocarbons on the walls and the floor of both excavations. The parking lot stormwater drywell further showed non-detect for total lead in all samples, except for one result at 4 mg/kg on the west wall of the excavation. Based on report review, DEQ has determined that the Underground Injection Control (UIC) systems have been decommissioned in accordance with regulation. The "Old Wash Bay Drywell" and the "Parking Lot Stormwater Drywell" have been decommissioned and closed. DEQ has issued a Partial NFA for these two UIC's.

Data Sources:

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded

No information is available

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
Partial No Further Action (Primary Action)	12/13/2005	12/13/2005	Michael Greenburg	ICP

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Study Area: Is this site a Study Area? (Y/N). Study Areas are groupings of individual ECSI sites that may be contributing to a larger, area-wide problem. ECSI assigns unique Site ID numbers to both individual sites and to Study Areas.

Pathways: A description of human or environmental resources that site contamination could affect.

Lead Pgm: This column refers to the Cleanup Program affiliation of the DEQ employee responsible for the action shown. SAS or SAP = Site Assessment; VCS or VCP = Voluntary Cleanup; ICP = Independent Cleanup; SRS or SRP = Site Response (enforcement cleanup); ORP = Orphan Program.

You may be able to obtain more information about this site by contacting Michael Greenburg at (503) 229-5153 or via email at greenburg.michael@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

Oregon DEQ

Environmental Cleanup Site Information (ECSI) Database
Site Summary Report - Details for Site ID 4020

This report shows data entered as of April 5, 2006 at 2:16:07 PM

This report contains site details, organized into the following sections: 1) Site Photos (appears only if the site has photos); 2) General Site Information; 3) Site Characteristics; 4) Substance Contamination Information; 5) Investigative, Remedial and Administrative Actions; and 6) Site Environmental Controls (i.e., institutional or engineering controls; appears only if DEQ has applied one or more such controls to the site). A key to certain acronyms and terms used in the report appears at the bottom of the page.

Go to DEQ's Facility Profiler to see a site map as well is information on what other DEQ programs may be active at this site.

Site Photos

Click to View Photo	Picture Date	Caption	Size
View Photo	07/02/2004	Johnson Creek Watershed	19 Kb
View Photo	07/02/2004	Sediment and fish tissue sampling locations (1 of 4)	122 Kb
View Photo	07/02/2004	Sediment and Fish Tissue sampling locations (2 of 4)	122 Kb
View Photo	07/02/2004	Sediment and Fish Tissue Sampling locations (3 of 4)	127 Kb
View Photo	07/02/2004	Sediment and fish tissue sampling locations (4 of 4)	114 Kb

General Site Information

Site ID: 4020	Site Name: Johnson Creek Areawide Study Site	CERCLIS No:
Address:	Numerous	
	County: Multnomah	Region: Northwest
Other location information:	The upstream boundary is in the upper watershed near Cottrel. The downstream boundary of the study area is the Willamette River. The study area encompasses all or part of the following areas: T1S-R3E-S9, 10, 14, 15, 16, 17, 18 and 23; T1S-R2E-S13, 20, 21, 22, 23, 24, 29 and 30; T1S-R1E-S24, 26 and 35. Zip codes 97080, 97236, 97266 and 97222.	
Investigation Status:	Suspect site requiring further investigation	
	Brownfield Site: Yes NPL Site: No	Orphan Site: No Study Area: Yes
Property:	Twnshp/Range/Sect: , ,	Tax Lots: Multiple
	Latitude: 45.4758 deg. Longitude: -122.5454 deg.	Site Size: 54 square miles
Other Site Names:	Johnson Creek Toxics Evaluation Project	

Site Characteristics

General Site Description: The project area is defined as Johnson Creek and its major tributaries. The Crystal Springs Creek and Kelly Creek tributaries provide the largest flow contribution; smaller tributaries include Butler Creek, Hogan Creek, Sunshine Creek, and Badger Creek.

Johnson Creek originates in a swale in the hills near Cottrell, and flows westward approximately 25 miles to its confluence with the Willamette River. The Johnson Creek watershed covers about 54 square miles. The topography of the watershed is varied, with a high point of 1,129 feet in the Boring Hills, near the creek's

source, and a low point of about 20 feet above mean sea level (MSL) at the confluence with the Willamette. Creekbed elevations range from about 750 feet to 10 feet MSL. The western half of the watershed is developed, primarily as a low-density residential area, with pockets of commercial, industrial, and high-density residential land use. The eastern half is mostly open space, farms, and nurseries. The watershed lies within six political subdivisions: the cities of Portland, Milwaukie, Gresham, and Happy Valley, and Multnomah and Clackamas Counties.

Site History:

Before urbanization in the late 19th and 20th century, the Johnson Creek watershed included a variety of habitats, such as forested uplands, marshes, and scrub-shrub habitats. Native Americans maintained summer camps along the banks of the creek. Several archaeological sites have been discovered in what are now heavily developed areas. Early pioneers began the transformation of the environment by logging to provide building materials, fuel and railroad ties. Sawmills were built and dams were constructed to create holding ponds for the logs in the surrounding flood plains. Wetlands along the lower portion of Johnson Creek were filled to make way for residential development. Floodplains in the middle portion of the creek were cleared for farming, such as in the Lents area, where the creek channel was altered to create large meanders to facilitate irrigation of adjacent fields. Settlers in the upper watershed cleared land for vegetable and berry farming, dairies, and ranching.

The pervasive development changed the natural dynamics of the watershed, and resulted in repeated flooding. In the 1930s the Works Project Administration widened, deepened, rock-lined and channelized 15 miles of the creek as a remedy for flooding. Flooding continued, but did not deter increased urbanization and industrial development along the creek in Milwaukie and Gresham, and Johnson Creek Boulevard in Portland.

Increased developmental pressures occurred from the 1960s through the 1990s, including expansion of the urban growth boundary, hillside developments, urban renewal in Lents, and further infilling of some of the last unaltered creek segments. As early as 1975, when DEQ conducted a water quality study, the effects of development on the health of the watershed were being recognized. Additional assessment, monitoring and development of management plans by various agencies occurred throughout the 1980s and 1990s. Monitoring is still being conducted, and management plans have been developed and implemented.

Contamination Information:

DEQ, USGS, EPA, and local city and county jurisdictions have conducted numerous water quality studies in Johnson Creek. Results from these investigations leave little doubt that Johnson Creek water quality is compromised. A ranking of water bodies in the Lower Willamette River Basin by DEQ, based on an index of water quality criteria including temperature, dissolved oxygen (DO), biological oxygen demand (BOD), fecal coliform, nitrate nitrogen, total phosphorous, pH, and ammonia showed Johnson Creek to have the worst water quality among the 12 sites evaluated (DEQ, 2003). As discussed below, Johnson Creek also has elevated concentrations of hazardous substances, such as the pesticides DDT and dieldrin, metals, polychlorinated biphenyls (PCBs), and petroleum constituents such as polynuclear aromatic hydrocarbons (PAHs).

In 1988, USGS and Portland BES collected sediment samples from Johnson Creek (USGS, 1993). In the more highly urbanized area of Johnson Creek (below river mile 10.25), copper, lead, and zinc concentrations exceeded levels typically found in the Willamette River. The maximum concentrations of copper, lead, chromium, and mercury were 2 to 10 times higher than typically found in the Willamette River. DDT and PCBs were the most commonly detected organic

compounds, with the highest DDT concentration detected at the most upstream sample location where land use is predominantly agricultural.

In a water quality study conducted by USGS from 1991 to 1995 (USGS, 1998), the highest concentration of DDE (a degradation product of DDT) in sediment from 52 sampling sites in the Lower Willamette Basin was found in upper Johnson Creek. Despite being banned since 1972, DDT, like PCBs and metals, is persistent in the environment and can affect wildlife for decades. DDT and PCBs accumulate in animal tissue, with higher concentrations accumulating in animals higher in the food chain. DDT and a number of metals were detected in crayfish collected from Johnson Creek in 1991 (USGS, 1997). Fish tissue collected in 1992 approximately 0.2 miles upstream from the mouth of Johnson Creek had elevated levels of DDT, dieldrin, and a number of metals (Wentz and others, 1992). Dieldrin was widely used as a pesticide until banned in 1970. However, use as an insecticide for termites continued until 1987.

Johnson Creek was added to the Clean Water Act 303(d) list in 1998 for the toxics dieldrin and DDT. Based on the extent of their use, and distribution of these pesticides in the watershed, it appears that they originate, in part, from the upper watershed as a result of overland runoff from farming and nursery operations. DEQ is developing a Total Daily Maximum Load (TMDL) for these contaminants.

In response to elevated PCB and PAH concentrations in sediment and water column samples, DEQ will propose that these contaminants be added to the 303(d) list for Johnson Creek in the 2004-2006 biennium. In contrast to the apparent non-point source origin of the pesticides, PAHs and PCBs are suspected to originate primarily from point sources.

Many of the detected concentrations of the various toxics in sediment are above DEQ Ecological Screening Level Values (SLVs), suggesting potential adverse impacts on wildlife. Concentrations of PCBs, DDT, chromium, lead, nickel, and zinc detected in USGS' 1988 study exceed their respective Probable Effects Concentration (PEC) -- the concentration above which an adverse effect to benthic fauna is likely (McDonald, 2000).

Manner and Time of Release:

Hazardous Substances/Waste Types:

Pathways:

In general, the threat to human health from hazardous substances in Johnson Creek appears low. The majority of historical contaminant concentrations in sediment are below risk-based screening levels for human health. Potentially complete direct contact exposure pathways to sediment for recreational users do not appear to be a significant concern.
Some contaminants can accumulate in fish, and later be eaten by humans. However, catch and release regulations and lack of fish stocking reduce the likelihood that consumption of fish from Johnson Creek is a pathway of concern for human health. Consumption by non-human predators, however, is considered a pathway of concern due to bioaccumulation.
The risk evaluation presented in the field investigation report will include human health, but will focus on ecological risk. In addition to bioaccumulation in the food chain, other pathways of concern include direct contact with contaminated sediments by benthic organisms, birds, fish and other wildlife.

Environmental/Health Threats:

Status of Investigative or Remedial Action:	DEQ conducted a sediment and fish tissue sampling investigation to determine the nature and extent of contamination in the Johnson Creek watershed. The investigation, which occurred during the summer of 2004, consisted of sediment sampling at approximately 80 locations, and fish tissue sampling at approximately 7 locations.
Data Sources:	For more details about this project, including fact sheets, data reports, and maps, consult DEQ's web page at: http://www.deq.state.or.us/nwr/JohnsonCreek/JohnsonCreek.htm.

Substance Contamination Information

Substance	Media Contaminated	Concentration Level	Date Recorded

No information is available

Investigative, Remedial and Administrative Actions

Action	Start Date	Compl. Date	Resp. Staff	Lead Pgm
SITE EVALUATION (Primary Action)	11/25/2003		Mark Pugh	SRS

View Full Report Showing Action History

Key to certain acronyms and terms in this report:

CERCLIS No.: The U.S. EPA's Hazardous Waste Site identification number, shown only if EPA has been involved at the site.

Region: DEQ divides the state into three regions, Eastern, Northwest, and Western; the regional office shown is responsible for site investigation/cleanup.

NPL Site: Is this site on EPA's National Priority List (i.e., a federal Superfund site)? (Y/N).

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You may be able to obtain more information about this site by contacting Mark Pugh at (503) 229-5587 or via email at pugh.mark@deq.state.or.us. If this does not work, you may contact Gil Wistar at (503) 229-5512, or via email at wistar.gil@deq.state.or.us or contact the Northwest regional office.

Appendix D

Oregon Department of Environmental Quality
Leaking Underground Storage Tank Incident Reports

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-90-0270**
Site Name: GRESHAM CITY HALL
Address: 1333 NW EASTMAN PARKWAY
City: GRESHAM
Heating Oil Tank (HOT): N

Basic Incident Information

Zip Code: 97030
Regulated Tank: **Y**

Status: **CLOSED**
Received Date: 8/1/1990
UST Facility Id: 5844
County: MULTNOMAH

Assessment Information

26-90-0270

Discovery Date: 7/26/1990
Discovery Method: OTHER
Cause Of Release: UNKNOWN

Management Information

26-90-0270

Release Stopped Date: 7/26/1990
Cleanup Start Date: 7/26/1990
Cleanup End Date: 4/13/1998

Contaminant Impact Information

26-90-0270

Media / Contaminant		
Groundwater	MISC. GASOLINE	

No Status Information Entered For This Incident 26-90-0270

Work Performed Information

26-90-0270

Work	Company	Begin Date	End Date
Initial Response			

No Reports Received Information Entered For This Incident 26-90-0270

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-95-0204**
Site Name: ONE MAIN SQUARE
Address: 1000 N MAIN AVE
City: GRESHAM
Heating Oil Tank (HOT): N

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 8/9/1995
County: MULTNOMAH

Assessment Information

26-95-0204

Discovery Date: 8/9/1995
Discovery Method: DECOMMISSIONING
Cause Of Release: UNKNOWN

Management Information

26-95-0204

Release Stopped Date: 8/8/1995
Cleanup Start Date: 8/8/1995
Cleanup End Date: 4/10/1996

Contaminant Impact Information

26-95-0204

Media / Contaminant		
Soil	UNKNOWN	

Status Information

26-95-0204

Site Type: Administratively Closed	File Status: Administrative Closure	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

No Work Performed Information Entered For This Incident 26-95-0204

Reports Received Information

26-95-0204

Report Type	Received Date	Comment
Decommissioning Report	9/6/1995	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

This page updated: October 23, 2001
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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-94-0116** **Basic Incident Information** Status: **CLOSED**
Site Name: HJP INC SPACE AGE STATION Received Date: 6/28/1994
Address: 1011 N MAIN UST Facility Id: 7249
City: GRESHAM Zip Code: 97030 County: MULTNOMAH
Heating Oil Tank (HOT): N Regulated Tank: **Y**

Assessment Information 26-94-0116

Discovery Date: 6/26/1994 Discovery Method: OTHER Cause Of Release: UNKNOWN

Management Information 26-94-0116

Release Stopped Date: 6/26/1994 Cleanup Start Date: 6/28/1994 Cleanup End Date: 6/17/1996

Contaminant Impact Information 26-94-0116

Media / Contaminant	
Soil	UNLEADED GASOLINE

No Status Information Entered For This Incident 26-94-0116

Work Performed Information 26-94-0116

Work	Company	Begin Date	End Date
Initial Response			

Reports Received Information 26-94-0116

Report Type	Received Date	Comment
Decommissioning Report	2/21/1996	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-04-2411**
Site Name: HEATING OIL TANK
Address: 1150 SE 212 AVE
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 12/3/2004
County: MULTNOMAH

Assessment Information

26-04-2411

Discovery Date: 12/3/2004
Discovery Method: DECOMMISSIONING
Cause Of Release: TANK LEAK

Management Information

26-04-2411

Release Stopped Date: 12/8/2004
Cleanup Start Date: 12/2/2004
Cleanup End Date: 2/23/2005

Contaminant Impact Information

26-04-2411

Media / Contaminant	
Soil	HEATING OIL

Status Information

26-04-2411

Site Type: Risk Based Standards	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information

26-04-2411

Work	Company	Begin Date	End Date
Risk Based Evaluation	Dana Thompson Tanks and Soil	2/18/2005	

Reports Received Information

26-04-2411

Report Type	Received Date	Comment
Risk Based Evaluation	2/14/2005	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-95-0189**
Site Name: GRESHAM HIGH SCHOOL
Address: 1200 N MAIN
City: GRESHAM
Heating Oil Tank (HOT): N

Basic Incident Information

Zip Code: 97030
Regulated Tank: **Y**

Status: **CLOSED**
Received Date: 7/26/1995
UST Facility Id: 3521
County: MULTNOMAH

Assessment Information

26-95-0189

Discovery Date: 7/26/1995
Discovery Method: DECOMMISSIONING
Cause Of Release: TANK LEAK

Management Information

26-95-0189

Release Stopped Date: 7/26/1995
Cleanup Start Date: 7/26/1995
Cleanup End Date: 4/14/2003

Contaminant Impact Information

26-95-0189

Media / Contaminant	
Soil	UNLEADED GASOLINE

Status Information

26-95-0189

Site Type: Soil Matrix Cleanup	File Status: Active - Unassigned	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information

26-95-0189

Work	Company	Begin Date	End Date
Tank Decommissioning	Corrosion Protection Services, LLC	8/28/2002	

Reports Received Information

26-95-0189

Report Type	Received Date	Comment
20 Day Report	8/16/1995	
Decommissioning Report	8/28/2002	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-97-0613** | **Basic Incident Information** | Status: **ACTIVE**
Site Name: HEATING OIL TANK | Received Date: 8/15/1997
Address: 1200 N MAIN AVENUE
City: GRESHAM | Zip Code: 97030 | County: MULTNOMAH
Heating Oil Tank (HOT): **Y** | Regulated Tank: N

Assessment Information 26-97-0613

Discovery Date: 8/14/1997 | Discovery Method: DECOMMISSIONING | Cause Of Release: UNKNOWN

No Management Information For This Incident 26-97-0613

Contaminant Impact Information 26-97-0613

Media / Contaminant: Soil — HEATING OIL

No Status Information Entered For This Incident 26-97-0613

No Work Performed Information Entered For This Incident 26-97-0613

Reports Received Information 26-97-0613

Report Type	Received Date	Comment
Decommissioning Report	11/6/1997	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

This page updated: October 23, 2001
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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-03-0434**
Site Name: HEATING OIL TANK
Address: 1210 NW DIVISION ST
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 3/7/2003
County: MULTNOMAH

Assessment Information

26-03-0434

Discovery Date: 2/3/2003
Discovery Method: COMPLAINT
Cause Of Release: PIPE LEAK

Management Information

26-03-0434

Release Stopped Date: 10/27/2005
Cleanup Start Date: 3/7/2003
Cleanup End Date: 11/3/2005

Contaminant Impact Information

26-03-0434

Media / Contaminant	
Soil	HEATING OIL

Status Information

26-03-0434

Site Type: Risk Based Standards	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information

26-03-0434

Work	Company	Begin Date	End Date
Risk Based Evaluation	Decommissions NorthWest	11/1/2005	

Reports Received Information

26-03-0434

Report Type	Received Date	Comment
Risk Based Evaluation	10/31/2005	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-04-1452**
Site Name: HEATING OIL TANK
Address: 1325 NW 9TH ST
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 7/22/2004
County: MULTNOMAH

Assessment Information

26-04-1452

Discovery Date: 7/21/2004
Discovery Method: DECOMMISSIONING
Cause Of Release: UNKNOWN

Management Information

26-04-1452

Release Stopped Date: 7/23/2004
Cleanup Start Date: 7/23/2004 11:25:50 AM
Cleanup End Date: 8/24/2004

No Contaminant Impact Information For This Incident 26-04-1452

Status Information

26-04-1452

Site Type: Soil Matrix Cleanup
Active Remediation:
Comp GW Monitoring:
Delineate GW:
GW Delineated:

File Status: Certification
Free Product Present:
Free Product Removed:
Vapors Present:
Vapors Controlled:

CAP Requested:
CAP Submitted:
CAP Approved:
Delineate Soil:
Soil Delineated:

Work Performed Information

26-04-1452

Work	Company	Begin Date	End Date
Soil Matrix Cleanup	Residential Tank Services, Inc.	8/19/2004	

Reports Received Information

26-04-1452

Report Type	Received Date	Comment
Soil Matrix Cleanup	8/17/2004	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-00-5792**
Site Name: HEATING OIL TANK
Address: 1350 NW DIVISION
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 9/7/2000
County: MULTNOMAH

Assessment Information

26-00-5792

Discovery Date: 9/6/2000
Discovery Method: DECOMMISSIONING
Cause Of Release: TANK LEAK

Management Information

26-00-5792

Release Stopped Date: 10/4/2000
Cleanup Start Date: 9/6/2000
Cleanup End Date: 11/16/2000

Contaminant Impact Information

26-00-5792

Media / Contaminant	
Soil	HEATING OIL

Status Information

26-00-5792

Site Type: Generic Remedy	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

No Work Performed Information Entered For This Incident 26-00-5792

No Reports Received Information Entered For This Incident 26-00-5792

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-96-0033**
Site Name: GTE - GRESHAM CENTRAL OFFICE (5380-B02)
Address: 150 NW 20TH
City: GRESHAM
Heating Oil Tank (HOT): N

Basic Incident Information

Zip Code: 97030
Regulated Tank: **Y**

Status: **CLOSED**
Received Date: 1/24/1996
UST Facility Id: 5669
County: MULTNOMAH

Assessment Information

26-96-0033

Discovery Date: 1/24/1996 | Discovery Method: SITE ASSESSMENT | Cause Of Release: TANK LEAK

Management Information

26-96-0033

Release Stopped Date: 1/24/1996 | Cleanup Start Date: 1/24/1996 | Cleanup End Date: 10/30/1996

Contaminant Impact Information

26-96-0033

Media / Contaminant	
Soil	DIESEL

No Status Information Entered For This Incident 26-96-0033

Work Performed Information

26-96-0033

Work	Company	Begin Date	End Date
Initial Response			

Reports Received Information

26-96-0033

Report Type	Received Date	Comment
Decommissioning Report	4/12/1996	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-90-0012** **Basic Incident Information** Status: **CLOSED**
Site Name: BP #11020/(MOBIL 10 K8H)/PAC. MOTOR TRCK Received Date: 12/4/1989
Address: 1675 NW MAIN ST/BURNSIDE UST Facility Id: 737
City: GRESHAM Zip Code: 97030 County: MULTNOMAH
Heating Oil Tank (HOT): N Regulated Tank: **Y**

Assessment Information 26-90-0012

Discovery Date: 4/1/1990 Discovery Method: SITE ASSESSMENT Cause Of Release: UNKNOWN

Management Information 26-90-0012

Release Stopped Date: 11/1/1990 Cleanup Start Date: 11/1/1990 Cleanup End Date: 8/18/1995

No Contaminant Impact Information For This Incident 26-90-0012

No Status Information Entered For This Incident 26-90-0012

No Work Performed Information Entered For This Incident 26-90-0012

No Reports Received Information Entered For This Incident 26-90-0012

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-00-5789**
Site Name: HEATING OIL TANK
Address: 25 NW 13TH
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 9/6/2000
County: MULTNOMAH

Assessment Information

26-00-5789

Discovery Date: 9/5/2000
Discovery Method: SITE ASSESSMENT
Cause Of Release: UNKNOWN

Management Information

26-00-5789

Release Stopped Date: 9/12/2000
Cleanup Start Date: 9/6/2000
Cleanup End Date: 4/30/2001

Contaminant Impact Information

26-00-5789

Media / Contaminant	
Soil	HEATING OIL

Status Information

26-00-5789

Site Type: Soil Matrix Cleanup	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

No Work Performed Information Entered For This Incident 26-00-5789

No Reports Received Information Entered For This Incident 26-00-5789

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-01-8443**
Site Name: HEATING OIL TANK
Address: 355 NW DIVISION
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 11/19/2001
County: MULTNOMAH

Assessment Information

26-01-8443

Discovery Date: 11/16/2001
Discovery Method: DECOMMISSIONING
Cause Of Release: UNKNOWN

Management Information

26-01-8443

Release Stopped Date: 11/6/2001
Cleanup Start Date: 11/16/2001
Cleanup End Date: 1/31/2002

Contaminant Impact Information

26-01-8443

Media / Contaminant	
Soil	HEATING OIL

Status Information

26-01-8443

Site Type: Generic Remedy	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

No Work Performed Information Entered For This Incident 26-01-8443

No Reports Received Information Entered For This Incident 26-01-8443

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-04-1261**
Site Name: HEATING OIL TANK
Address: 38 NW AVA AVE
City: GRESHAM
Heating Oil Tank (HOT): Y

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 6/30/2004
County: MULTNOMAH

Assessment Information

26-04-1261

Discovery Date: 6/29/2004
Discovery Method: SITE ASSESSMENT
Cause Of Release: TANK LEAK

Management Information

26-04-1261

Release Stopped Date: 7/23/2004
Cleanup Start Date: 7/6/2004 3:23:31 PM
Cleanup End Date: 9/17/2004

No Contaminant Impact Information For This Incident 26-04-1261

Status Information

26-04-1261

Site Type: Risk Based Standards	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information

26-04-1261

Work	Company	Begin Date	End Date
Risk Based Evaluation	First Call Heating & Cooling	8/31/2004	

Reports Received Information

26-04-1261

Report Type	Received Date	Comment
Risk Based Evaluation	8/24/2004	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-05-0793**
Site Name: HEATING OIL TANK
Address: 40 NW 13TH AVE
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **ACTIVE**
Received Date: 4/21/2005
County: MULTNOMAH

Assessment Information 26-05-0793

Discovery Date: 4/20/2005
Discovery Method: SITE ASSESSMENT
Cause Of Release: TANK LEAK

Management Information 26-05-0793

Release Stopped Date:
Cleanup Start Date: 4/22/2005 11:04:16 AM
Cleanup End Date:

No Contaminant Impact Information For This Incident 26-05-0793

No Status Information Entered For This Incident 26-05-0793

No Work Performed Information Entered For This Incident 26-05-0793

No Reports Received Information Entered For This Incident 26-05-0793

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-04-1026**
Site Name: HEATING OIL TANK
Address: 43 NW AVA ST
City: GRESHAM
Heating Oil Tank (HOT): **Y**

Basic Incident Information

Zip Code: 97030
Regulated Tank: N

Status: **CLOSED**
Received Date: 6/3/2004
County: MULTNOMAH

Assessment Information

26-04-1026

Discovery Date: 6/2/2004
Discovery Method: SITE ASSESSMENT
Cause Of Release: TANK LEAK

Management Information

26-04-1026

Release Stopped Date: 8/10/2004
Cleanup Start Date: 6/7/2004 3:25:18 PM
Cleanup End Date: 3/24/2005

No Contaminant Impact Information For This Incident 26-04-1026

Status Information

26-04-1026

Site Type: Risk Based Standards	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information

26-04-1026

Work	Company	Begin Date	End Date
Risk Based Evaluation	Soil Solutions	3/18/2005	

Reports Received Information

26-04-1026

Report Type	Received Date	Comment
Risk Based Evaluation	3/11/2005	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-97-0858**
Site Name: THE DEAN COMPANY
Address: 519 NW 11TH DR
City: GRESHAM
Heating Oil Tank (HOT): N

Basic Incident Information

Zip Code: 97030
Regulated Tank: **Y**

Status: **CLOSED**
Received Date: 11/13/1997
UST Facility Id: 11443
County: MULTNOMAH

Assessment Information

26-97-0858

Discovery Date: 11/12/1997
Discovery Method: DECOMMISSIONING
Cause Of Release: TANK LEAK

Management Information

26-97-0858

Release Stopped Date: 11/11/1997
Cleanup Start Date: 11/11/1997
Cleanup End Date: 4/25/2000

Contaminant Impact Information

26-97-0858

Media / Contaminant	
Soil	MISC. GASOLINE

Status Information

26-97-0858

Site Type: Soil Matrix Cleanup
Active Remediation:
Comp GW Monitoring:
Delineate GW:
GW Delineated:

File Status: Active - Unassigned
Free Product Present:
Free Product Removed:
Vapors Present:
Vapors Controlled:

CAP Requested:
CAP Submitted:
CAP Approved:
Delineate Soil:
Soil Delineated:

Work Performed Information

26-97-0858

Work	Company	Begin Date	End Date
Initial Response		10/25/1999	
Initial Response			

Reports Received Information

26-97-0858

Report Type	Received Date	Comment
Decommissioning Report	7/16/1998	gas & diesel impacts
20 Day Report	10/22/1999	heating oil
Decommissioning Report	12/28/1999	heating oil cleanup

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-03-1799** **Basic Incident Information** Status: **ACTIVE**
Site Name: HEATING OIL TANK Received Date: 8/27/2003
Address: 611 NW WALLULA AVENUE
City: GRESHAM Zip Code: 97030 County: MULTNOMAH
Heating Oil Tank (HOT): **Y** Regulated Tank: N

Assessment Information 26-03-1799

Discovery Date: 8/26/2003 Discovery Method: SITE ASSESSMENT Cause Of Release: TANK LEAK

Management Information 26-03-1799

Release Stopped Date: Cleanup Start Date: 8/28/2003 8:13:55 AM Cleanup End Date:

No Contaminant Impact Information For This Incident 26-03-1799

No Status Information Entered For This Incident 26-03-1799

No Work Performed Information Entered For This Incident 26-03-1799

No Reports Received Information Entered For This Incident 26-03-1799

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-03-2310** | **Basic Incident Information** | Status: **CLOSED**
Site Name: HEATING OIL TANK | Received Date: 11/3/2003
Address: 880 NW WALLULA AVENUE
City: GRESHAM | Zip Code: 97030 | County: MULTNOMAH
Heating Oil Tank (HOT): **Y** | Regulated Tank: N

Assessment Information 26-03-2310

Discovery Date: 10/31/2003 | Discovery Method: DECOMMISSIONING | Cause Of Release: TANK LEAK

Management Information 26-03-2310

Release Stopped Date: 10/30/2003 | Cleanup Start Date: 11/3/2003 1:14:41 PM | Cleanup End Date: 2/27/2004

No Contaminant Impact Information For This Incident 26-03-2310

Status Information 26-03-2310

Site Type: Risk Based Standards	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information 26-03-2310

Work	Company	Begin Date	End Date
Risk Based Evaluation	Soil Solutions	2/6/2004	

Reports Received Information 26-03-2310

Report Type	Received Date	Comment
Risk Based Evaluation	1/22/2004	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Leaking Underground Storage Tanks (LUST) Site Information

(Use "Back" button on browser to return to previous search results)

Leaking Underground Storage Tank (LUST) Site Information

Log Nbr: **26-03-1459** | **Basic Incident Information** | Status: **CLOSED**
Site Name: HEATING OIL TANK | Received Date: 7/21/2003
Address: 880 NW NORMAN AVENUE
City: GRESHAM | Zip Code: 97030 | County: MULTNOMAH
Heating Oil Tank (HOT): **Y** | Regulated Tank: N

Assessment Information

26-03-1459

Discovery Date: 7/21/2003 | Discovery Method: DECOMMISSIONING | Cause Of Release: TANK LEAK

Management Information

26-03-1459

Release Stopped Date: 7/29/2003 | Cleanup Start Date: 7/21/2003 1:42:17 PM | Cleanup End Date: 9/10/2003

No Contaminant Impact Information For This Incident 26-03-1459

Status Information

26-03-1459

Site Type: Risk Based Standards	File Status: Certification	CAP Requested:
Active Remediation:	Free Product Present:	CAP Submitted:
Comp GW Monitoring:	Free Product Removed:	CAP Approved:
Delineate GW:	Vapors Present:	Delineate Soil:
GW Delineated:	Vapors Controlled:	Soil Delineated:

Work Performed Information

26-03-1459

Work	Company	Begin Date	End Date
Risk Based Evaluation	Universal Applicators, Inc.	9/3/2003	

Reports Received Information

26-03-1459

Report Type	Received Date	Comment
Risk Based Evaluation	9/2/2003	

This information may not reflect current status of site.
For further detail, refer to the DEQ Regional Office file.

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Appendix E

Interviews

INTERVIEWS

Mr. Fred Bruning, Gresham Land Partners 4, LLC, property owner, general property information, April 21, 2006

City of Gresham, unidentified employee, information regarding student parking on the property, April 17, 2006

Ms. Dixie Delarm, City of Gresham Building Department, building permits and partition plats research, April 18, 2006

Mr. Ed Gallagher, Director, City of Gresham Community and Economic Development Department, information about the development history of the property and vicinity, message left April 18, 2006, response not received as of this writing

Mr. Bill Lesh, Director, Center for Advanced Learning, information regarding use of the property for student parking, April 20, 2006

Mr. Blake Mills, Robinson Construction, property occupant (heavy equipment storage) and grader, was contacted twice on April 21 and 24, 2006, response not received as of this writing

Mr. Steve Paiko, Oregon Department of Environmental Quality Underground Storage Tank Program, information about nearby K-Mart UST, April 19, 2006

Steve, last name withheld, manager of nearby K-Mart, information regarding historical Penske auto center at K-Mart, April 19, 2006

Mr. Andy Wilk, CenterCal Properties, LLC (property developer), previous environmental report, April 19 and 21, 2006

Mr. Darin Wilson, CenterCal Properties, LLC, information regarding property grading, April 21, 2006

Appendix F

Research Resources

RESEARCH RESOURCES

CenterCal Properties, LLC (developer) web site, http://www.centeroak.com/gsnorth.html, April 19, 2006

Chicago Title Insurance Company of Oregon, Preliminary Title Report, March 9, 2006

City of Gresham Building Department, permits/plans request (no records located), April 18, 2006

City of Gresham Community and Economic Development web site, http://www.ci.gresham.or.us/departments/cedd/bia/commercial/gcn.asp, April 19, 2006

City of Portland, PortlandMaps.com web site, aerial photographs for 2002 and 2004, April 4, 2006

Cole City Directories for Greater Portland, Oregon, 1989, 1994, 1999, 2004, 2005, reviewed at the Multnomah County Library and HAI offices, April 6 and 16, 2006

Hahn and Associates, Inc., *A Phase I Environmental Site Assessment, 7.29-Acre Property, Vicinity of NW Civic Drive and NW Burnside Road, Gresham, Oregon*, November 5, 2001

Multnomah County Department of Assessment and Taxation, property ownership and tax lot information, April 18, 2006

Northern Light Studio, Portland, Oregon aerial photographs reviewed for 1964 and 1998, on file with HAI, original date obtained by HAI undetermined

Oregon Department of Environmental Quality, state regulatory lists, reviewed April 5 and 6, 2006

Oregon Water Resources Department, water well logs review, April 19, 2006 (www.wrd.state.or.us)

Polk City Directories for East Suburban Portland, Oregon, 1966, 1970, 1975, 1979-1980, reviewed at the Multnomah County Library, April 6, 2006

Polk City Directories for Gresham, Oregon, 1962, 1985, reviewed at the Multnomah County Library, April 6, 2006

Sanborn Fire Insurance Maps for Gresham, Oregon, 1911, 1922, and 1941, reviewed on the Multnomah County Library web site (www.multcolib.org), (no coverage), April 6, 2006

Sandy Post web site, http://www.sandypost.com/article/2902, April 20, 2006

Shaw Environmental & Infrastructure, Inc., *Phase I Environmental Site Assessment, Gresham Station, Gresham, Oregon*, November 2002 (no date listed)

Topozone web site, topographic base map for Figure 1, (www.topozone.com), April 6, 2006

U.S. Army Corps of Engineers Central Map Files, Portland, Oregon, aerial photographs for 1935, 1948, 1956, 1973, and 1984, on file with HAI, obtained October 16, 2001

U.S. Environmental Protection Agency, Federal regulatory lists, reviewed April 5 and 6, 2006

U.S. Geological Survey 7.5-Minute Quadrangle, Camas, Washington-Oregon, 1994, area topography

U.S. Geological Survey, Geologic Map of Oregon, 1991, area geology