ON X EMERGENCY RESPONSE TEAM

VERIFICATION OF SITE FILE REVIEW

Facility Name: Draper Tractor, Inc.

City: Spokane

State: WA

Nature of Problem: Previous owner utilized the site for disposal of oily waste. Soil is contaminated to 30' below surface. Groundwater (including drinking water well) contamination documented. Oil also detected 150' below the ground surface (on top of aquifer?)

Potential for Immediate Removal/Investigation X YES _____ NO

	Reviewer	Review Date
EPA Emergency Response Team:		
Technical Assistance Team:	E. Atkinson	10/11/85

Date File Returned to EPA by TAT: _____

TDD Reference File: 10-8510-1

USEPA SF
1556149

Comments: Several other potential sources for groundwater contamination in the area (Tosco, Midget Oil, Chevron Pipeline). Additional drinking water wells should be sampled to determine the extent of contamination. Alternate drinking water sources should be considered, should present public supply wells be found to be contaminated. (e.g. redrill public wells in uncontaminated area as source for residents in this area)

POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT

Summary Memorandum

Site ID: WA D055501977
County: Spokane
Priority Assessment: Medium
Backlog Red. Cat.:
Date/Revised: 06/14/85

Name and Location:

Draper Tractor, Inc.
N. 8525 Freya
Spokane, WA 99207

Contact: D. Draper
Telephone: (509) 4570695
Site Status: (X) Active ( ) Inactive ( ) Unknown

Site Description/TSD Activities:

Current activity at this site involves tractor sales & rental. When Draper acquired property, he hauled off 1000 cu. yds of oily soil, which was apparently left from an old refinery operation (closed in the 1940's), to Colbert Landfill.

Waste Types/Quantities/Characteristics:

There are no known hazardous wastes from current site activities. Historical activities of old refinery appears to have had waste oil ponds and oily waste disposal area, resulting in soil & groundwater contamination. Specific wastes from historical operations are not known.

Physical/Social Environment:

Site is located in industrial area, with about 1100 residents within one mile. There is one park & one school within one mile. Groundwater is at 120-180 ft. in unconsolidated deposits; the Spokane Rathdrum Prairie aquifer is a sole source aquifer.

Pollutant Mobilization/Pathways/Risk:

Soils & groundwater are contaminated, but the contamination is not from current site activities. No known pathways from current activities.

Priority Assessment/Backlog Reduction Category:

Medium.

Followup Recommendations:

The entire N. Market street area needs to be evaluated as a single site, rather than as separate sites. This should include Tosco (WAD00064158), Midget Oil (WAD980664825), the Chevron pipeline and the old refinery area (Searchlight Refinery). The source or sources of groundwater contamination should be explored further, by attempting to fingerprint oil and by running base/neutral scan in addition to volatiles.

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
Part 1 - Site Information and Assessment

I. IDENTIFICATION

01 State	02 Site Number
WA	D055501977

II. SITE NAME AND LOCATION

01 Site Name (legal, common, or descriptive name of site)	02 Street, Route No., or Specific Location Identifier
Draper Tractor Parts	N. 8525 Freya

03 City	04 State	05 Zip Code	06 County	07 County Code	08 Cong Dist
Spokane	WA	99207	Spokane	063	02

09 Coordinates Latitude	Longitude	Section/Township/Range
		SW 1/4, Sec. 22, T26N, R43E, WM

10 Directions to Site (starting from nearest public road)

III. RESPONSIBLE PARTIES

01 Owner (if known)	02 Street (business, mailing, residential)
Dale Draper	N. 8525 Freya

03 City	04 State	05 Zip Code	06 Telephone Number
Spokane	WA	99207	(509)4670695

07 Operator (if known and different from owner)	08 Street (business, mailing, residential)
Same	

09 City	10 State	11 Zip Code	12 Telephone Number
			( )

13 Type of Ownership (check one)

(X) A. Private ( ) B. Federal: ( ) C. State ( ) D. County ( ) E. Municipal
( ) F. Other: ( ) G. Unknown

14 Owner/Operator Notification on File (check all that apply)

( ) A. RCRA 3001, Date Rec'd: / / ( ) B. Uncontrolled Waste Site (CERCLA 103c), Date Rec'd: / / (X) C. None

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 On Site Inspection

(X) Yes, Date: 80 -/ 85
( ) No

By (check all that apply):

(X) A. EPA ( ) B. EPA Contractor (X) C. State ( ) D. Other Contractor
( ) E. Local Health Official ( ) F. Other:

Contractors Name(s):

02 Site Status (check one)

(X) A. Active ( ) B. Inactive ( ) C. Unknown

03 Years of Operation

beginning year	ending year
Unk	Pres

( ) Unknown

04 Description of Substances Possibly Present, Known, or Alleged

There is groundwater contamination in this area, possibly from an old refinery present near Market & Freya Sts, which went out of business in the 1940's. There appear to be old waste oil ponds adjacent to Draper Tractor. Mr. Draper hauled off 1000 yards of oily material to Colbert Landfill from his property.

05 Description of Potential Hazard to Environment and/or Population

There is no hazard from current farm equipment sales & rental on-site. Groundwater problem appears to be from old refinery in the area which may have been responsible for current drinking water contamination. Soils on-site are still contaminated, despite the amount that Draper hauled to Colbert Landfill.

V. PRIORITY ASSESSMENT

01 Priority for Inspection (check one; if high or medium is checked, complete Part 2 and Part 3)

( ) A. High (inspection required promptly) (X) B. Medium (inspection required) ( ) C. Low (inspect on time available basis) ( ) D. None (no further action needed complete current disposition form)

VI. INFORMATION AVAILABLE FROM

01 Contact	02 Of (agency/organization)	03 Telephone Number
Ned Therien	WDOE	(206) 4596280

04 Person Responsible for Assessment	05 Agency	06 Organization	07 Telephone Number	08 Date
Barbara J. Morson		SAIC	(206) 7477899	06/ 14/ 85

Modified (5/84) from EPA Form 2070-12 dated 7/81

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
Part 2 - Waste Information

I. IDENTIFICATION

01 State	02 Site Number
WA	D055501977

II. WASTE STATES, QUANTITIES, AND CHARACTERISTICS

01 Physical States (check all that apply)

(X) A. Solid
( ) B. Powder, Fines
(X) C. Sludge
( ) D. Other:
( ) E. Slurry
( ) F. Liquid
( ) G. Gas

02 Waste Quantity at Site (measures of waste quantities must be independent)

Tons: UNK
Cubic Yards: UNK
No. of Drums: UNK

03 Waste Characteristics (check all that apply)

(X) A. Toxic
( ) B. Corrosive
( ) C. Radioactive
( ) D. Persistent
(X) E. Soluble
( ) F. Infectious
( ) G. Flammable
( ) H. Ignitable
( ) I. Highly Volatile
( ) J. Explosive
( ) K. Reactive
( ) L. Incompatible
( ) M. Not Applicable

III. WASTE TYPE

Category	Substance Name	01 Gross Amount	02 Unit of Measure	03 Comments
SLU	Sludge			
OLW	Oily Waste	Unknown	N/A	oil contaminated soil
SOL	Solvents			
PSD	Pesticides			
OCC	Other Organic Chemicals			
IOC	Inorganic Chemicals			
ACD	Acids			
BAS	Bases			
MES	Heavy Metals			

IV. HAZARDOUS SUBSTANCES (see Appendix for most frequently cited CAS numbers)

01 Cat.	02 Substance Name	03 CAS Number	04 Storage/Disposal Method	05 Concentration	06 Measure of Concentration
	** ENVIRONMENTAL	RELEASE	DATE **		
OCC	Benzene	71432	A to Z well 7/84	3.1*	ug/l
SOL	Tetrachloroethylene	127184	A to Z well 7/84	40	ug/l
SOL	Trichloroethylene	79016	A to Z well 7/84	2.9	ug/l
OCC	Benzene	71432	R.A. Hansen Well 7/84	4600	ug/l
SOL	Ethylbenzene	100414	R.A. Hansen Well 7/84	1300	ug/l
SOL	Toluene	108883	R.A. Hansen Well 7/84	1300	ug/l
OCC	Benzene	71432	R.A. Hansen Well 3/85	245	ug/l

V. FEEDSTOCKS (see Appendix for CAS numbers

Category	01 Feedstock Name	02 CAS Number	Category	01 Feedstock Name	02 CAS Number
FDS			FDS		
FDS			FDS		
FDS			FDS		
FDS			FDS		

VI. SOURCES OF INFORMATION (cite specific references, e.g., state files, etc.)

EPA/ERRIS file; WDOE file;
* Highest value measured; precise source of these contaminants not known.

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State	02 Site Number
WA	D055501977

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 (X) A. Groundwater Contamination — 02 (X) Observed (Date: 1984-85) — ( ) Potential — ( ) Alleged

03 Population Potentially Affected: > 10,000 — 04 Narrative Description

Groundwater contamination in this area does not appear to result from activities at this site. Groundwater is at 150-180 ft in an unconsolidated glaciofluvial deposit. Aquifer (Rathdrum Prairie) is sole source for Spokane area.

01 (X) B. Surface Water Contamination — 02 ( ) Observed (Date:) — ( ) Potential — ( ) Alleged

03 Population Potentially Affected: 0 — 04 Narrative Description

None reported or suspected. Nearest downslope surface water (Spokane River) is more than 3 miles from site.

01 (X) C. Contamination of Air — 02 ( ) Observed (Date:) — ( ) Potential — ( ) Alleged

03 Population Potentially Affected: 0 — 04 Narrative Description

None reported or suspected. There are approximately 1170 residents within one mile.

01 (X) D. Fire/Explosive Conditions — 02 ( ) Observed (Date:) — ( ) Potential — ( ) Alleged

03 Population Potentially Affected: 0 — 04 Narrative Description

No known certified fire/explosive conditions.

01 (X) E. Direct Contact — 02 ( ) Observed (Date:) — ( ) Potential — ( ) Alleged

03 Population Potentially Affected: 0 — 04 Narrative Description

None reported or suspected. Site is completely fenced.

01 (X) F. Contamination of Soil — 02 (X) Observed (Date: 1980) — ( ) Potential — ( ) Alleged

03 Area Potentially Affected (acres): 15 — 04 Narrative Description

Soils on site were contaminated with oily wastes. Draper hauled 1000 cubic yards to landfill in 1980. When well was drilled on the property, soil was contaminated to 30 ft. depth. Soils in area are permeable sandy loams.

01 (X) G. Drinking Water Contamination — 02 (X) Observed (Date: 1984-85) — ( ) Potential — ( ) Alleged

03 Population Potentially Affected: > 10,000 — 04 Narrative Description

Groundwater contamination in area does not appear to result from Draper activities. Nearest well is on site and has not been tested for contamination. Public & private wells serve more than 200,000 people within 3 miles of site. Drinking wells in the area are contaminated.

01 (X) H. Worker Exposure/Injury — 02 ( ) Observed (Date:) — ( ) Potential — ( ) Alleged

03 Workers Potentially Affected: 0 — 04 Narrative Description

None reported or suspected.

01 (X) I. Population Exposure/Injury — 02 ( ) Observed (Date:) — (X) Potential — ( ) Alleged

03 Population Potentially Affected: > 10,000 — 04 Narrative Description

No risk to population from current activities at this site. There is groundwater and drinking water contamination, possibly from historical activities of old refinery at Market & Freya streets.

POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT
Part 3 - Description of Hazardous Conditions & Incidents

I. IDENTIFICATION

01 State	02 Site Number
WA	D055501977

II. HAZARDOUS CONDITIONS AND INCIDENTS (continued)

01 (X) J. Damage to Flora 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

04 Narrative Description
None reported or suspected.

01 (X) K. Damage to Fauna 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

04 Narrative Description (include name[s] of species)
None reported or suspected.

01 (X) L. Contamination of Food Chain 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

04 Narrative Description
None reported or suspected.

01 (X) M. Unstable Containment of Wastes (spills/runoff/standing liquids/leaking drums) 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

03 Population Potentially Affected: >10,000 04 Narrative Description
None reported from current activities. Past activities of old refinery included unlined waste oil ponds.

01 (X) N. Damage to Offsite Property 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

04 Narrative Description
None reported or suspected.

01 (X) O. Contamination of Sewers, Storm Drains, WWTPs 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

04 Narrative Description
None reported or suspected. Site has its own septic system.

01 (X) P. Illegal/Unauthorized Dumping 02 ( ) Observed (Date:) ( ) Potential ( ) Alleged

04 Narrative Description
None reported or suspected.

05 Description of Any Other Known, Potential, or Alleged Hazards
None known.

III. TOTAL POPULATION POTENTIALLY AFFECTED: >10,000

IV. COMMENTS

Contamination of groundwater appears to result from historical activities in the area. Precise source is not known. GW analysis has been done for volatiles only. This file should be read in conjunction with Midget Oil (WAD980664825) & Tosco Corp. (WAD000641548). There is also a Chevron Pipeline that crosses this area.

V. SOURCES OF INFORMATION (cite specific references: state files, reports, etc.)

EPA/ERRIS files; WDOE files; J. Malm, F. Goldstein, WDOE, pers. comm., 5/14/85; WSB #27; WDSHS Water Supply Listing (1985); USGS, Spokane NE Quad (1978); SAIC drive-by visit, 5/16/85; Spokane Co. Population Rep. (1981); Spokane Co. Engineer, pers. comm., 5/2/85.

USGS 7.5 min Spokane NE Quad

Draper Tractor

WAD055501977

Approx SW¼ Sec 22, T26N R43E, WM

T26

R43

Have wastes been disposed or released on site? YES [X] NO [ ] UNK. [ ] Drey

Site ID: WAD055501977

County: Spokane

HAZARD RANKING SCORE (HRS) FOR APPLICATION IN MITRE NUMERICAL MODELLING

Rating Factor	Form 2070-12 Ref.	Assigned Value	Multiplier	Score	Maximum Score
Sgw, GROUNDWATER ROUTE					
1 • Observed Release	Part 3.II.A	0 45	1	1 N/A	45
2 • Depth to Aquifer	Part 3.II.A	0 (1) 2 3 120-180 ft +	2 1		6
• Net Precipitation	DO	0 (1) 2 3 -10 ← +5 ins	1 1		3
• Vadose Zone Permeability	DO	0 1 2 (3) sandy loam	1 3		3
• Physical State	DO	0 1 2 (3) liquid	1 3		3
				2 9	15
3 • Containment	Part 2.IV,III.2.A	0 1 2 (3) None	1	3 3	3
4 • Waste Toxicity/Persistance	Part 2.II.03	0 3 6 9 (12) 15 18 Benzene	1 12		18
• Hazardous Waste Quantity	Part 2.III.01	0 (1) 2 3 4 5 6 7 8 unk	1 1		8
				4 13	26
5 • Groundwater Use	Part 3.II.A,G	0 1 2 (3) Sole source	3 9		9
• Distance to Nearest Well and Population Served	Part 3.II.A,§III	0 4 6 8 10 12 16 18 on-site 20 24 30 32 35 (40) >10,000	1 40	5 49	40 49
Ssw, SURFACE WATER ROUTE					
1 • Observed Release	Part 3.II.B	0 45	1	1 N/A	45
2 • Facility Slope & Terrain	Part 3.II.B	(0) 1 2 3	1 0		3
• One-year - 24-hour Rainfall	DO	0 1 (2) 3 2-3 ins	1 2		3
• Distance to Nearest Surface Water	DO	(0) 1 2 3	2 0		6
• Physical State	DO	0 1 2 (3) liquid	1 3		3
				2 5	15
3 • Containment	Part 2.IV,3.II.B	0 1 2 (3) None	3 9	3 9	9
4 • Waste Toxicity/Persistence	Part 2.II.03	0 3 6 9 (12) 15 18 Benzene	1		18
• Hazardous Waste Quantity	Part 2.II.01	0 (1) 2 3 4 5 6 7 8 Unknown	1		8
				4 13	26
5 • Surface Water Use	Part 3.II.B,G,O	0 1 (2) 3 Irrigation	3 6		9
• Distance to Sensitive Environment	Part 3.II.G,L,O	(0) 1 2 3	2 0		6
• Population Served/Distance to Downstream Water Intake	Part 3.II.B,3.III	(0) 4 6 8 10 12 16 18 20 24 30 32 35 40	1 0	5 6	40 55
Sa, AIR ROUTE					
1 • Observed Release	Part 3.II.C,D	0 45	1	1	45
2 • Reactivity & Incompatibility	Part 2.II.03	0 1 2 3 N/A	1		3
• Toxicity	Part 2.II.03	0 1 2 3	3		9
• Hazardous Waste Quantity	Part 2.II.03	0 1 2 3 4 5 6 7 8	1		8
				2	20
3 • Population Within 4 mi Radiuw	Part 3.II.C,H,I	0 9 12 15 18 21 24 27 30	1		30
• Distance to Sensitive Environment	Part 3.II.C,E,J,L	0 1 2 3	2		6
• Land Use	Part 3.II.N,P	0 1 2 3	1		3
				3	39
Fe, FIRE AND EXPLOSION MODE					
1 • Containment	Part 3.II.D	1 3	1	1	3
2 • Direct Evidence	Part 3.II.D,E	0 3 N/A	1		3
• Ignitability	Part 2.II.03	0 1 2 3	1		3
• Reactivity	DO	0 1 2 3	1		3
• Incompatibility	DO	0 1 2 3	1		3
• Hazardous Waste Quantity	Part 2.II.01	0 1 2 3 4 5 6 7 8	1		8
				2	20
3 • Distance to Nearest Population	Part 3.II.D,E,I	0 1 2 3 4 5	1		5
• Distance to Nearest Building	Part 3.II.N	0 1 2 3	1		3
• Distance to Sensitive Environment	Part 3.II.J,K,L	0 1 2 3	1		3
• Land Use		0 1 2 3	1		3
• Population Within 2 mi Radius	Part 3.III	0 1 2 3 4 5	1		5
• Buildings Within 2 mi Radius	Part 3.II.N	0 1 2 3 4 5	1		5
				3	24
Spc, DIRECT CONTACT MODE					
1 • Observed Release	Part 3.II.E	0 45	1	1	45
2 • Accessibility	Part 3.II.E,H,I,P	0 1 2 3	1	2	3
3 • Containment	Part 2.IV,3.II.E	0 15 Fenced	1	3	15
4 • Waste Characteristics/Toxicity	Part 2.II.03	0 1 2 3	5	4	15
5 • Population within 1 mi Radius	Part 3.II.E,H,I,§III	0 1 2 3 4 5	4		20
• Distance to Critical Habitat	Part 3.II.J,K,L,N,O,P	0 1 2 3	4		12
				5	32

HWS SUMMARY SCORES: Sm = 17.63 (Sgn = 30.0 Ssw = 5.5 Sa = 0)

(Date: Sfe = 0

Sdc = 0

This score is based solely on available file records or contacts used in preparing the preliminary assessment for WDOE. It is for WDOE guidance only and does not constitute formal or final scoring for National Priority List nomination.

ATTACHMENT B

RCRA Section 3012 Preliminary Assessment Program
Land Use and Demography

Prepared for JRB Associates by Shapiro and Associates

Site Name DRAPER TRACTOR County SPOKANE

Sources
1. BOTTORFF, USFWS, 1984
2. USFWS, 1980
3. SPOKANE COUNTY POPULATION REPORT, 1981
4. FIRM MAP - SPOKANE, 1980
5. SPOKANE CO. ENGINEERS & DOE, PER. COMMS., 5/2/85
6. USGS TOPO - SPOKANE N.E., 1978
7.

Distance/direction to a 5-acre (minimum) coastal wetland, if 2 miles or less

NONE

Source 6

Distance/direction to a 5-acre (minimum) freshwater wetland, if 1 mile or less

NONE

Source 6

Distance/direction to a critical habitat of an endangered species, if 1 mile or less

NONE

Source 1

Distance/direction to a National Wildlife Refuge, if 1 mile or less

NONE

Source 2

Resident and/or transient population within 1 mile of site

1,170

Source 3

Public or private facilities of particular concern (e.g., parks, schools) if within 1 mile or less PARKS - MORGAN ACRES; SCHOOLS - MT. ST. MICHAEL SCHOLASTICATE

Source 6

Municipal sanitary sewer system and or storm sewers serving the facility?

NONE - SEPTIC SYSTEM

Source 5

Ultimate discharge point(s) of above sewer systems

—

Source _____

100-year flood potential at site

NONE - ZONE C

Source 4

RELEASE OF CONTAMINANTS VIA AIR ROUTE
(Complete only if directed by JRB)

Population within various radii of site:

1/4 mile _____ 1 mile _____

1/2 mile _____ 4 miles _____

Source _____

Distance/direction to a commercial/industrial area, if 1 mile or less

Source _____

Distance/direction to a national or state park, forest or wildlife refuge if 2 miles or less

Source _____

Distance/direction to a residential area if 2 miles or less

Source _____

Distance/direction to agricultural land in production within past five years, if 1 mile or less

Source _____

Distance/direction to prime agricultural land in production within past five years, if 2 miles or less

Source _____

Distance/direction of a historic or landmark site (National Register of Historic Places and National Natural Landmarks) if within 1 mile or less

Source _____

ATTACHMENT B
RCRA Section 3012 Preliminary Assessment Program
Surface and Groundwater Hydrology

Site Name Draper Tractor **County** Spokane

Sources:
1. USGS 7.5' Spokane NE Quad. (1978)
2. WDSHS Public Water Supply listing (1985)
3. WDOE well logs
4. Metsker maps - surface withdrawals, Spokane Co.
5. WSB #27
6. Flora Goldstein, WDOE, pers. comm., 5/14/85
7. SCS Soil Survey - Spokane Co. 1968
8. **Well logs used:** Draper Tractor

GROUNDWATER

Name/description of aquifer

Unconsolidated glaciofluvial deposits with stream-laid sand + gravel

Spokane Rathdrum Prairie Aquifer

Source 5

Depth from the ground surface to the highest seasonal level of the saturated zone of the aquifer

GW is at 120 - 180 ft. Draper well drilled to 191 ft.

Source 3, 6

Soil type in unsaturated zone

Marble Sandy loams (from Tesco)

Source 7

Permeability associated with soil type

Moderately rapid permeability

Source 7

Use(s) of aquifer of concern within a 3-mile radius of the hazardous substance. If available, indicate up-gradient or down-gradient

Drinking, industrial, commercial

Spokane Rathdrum Prairie Aquifer is designated sole source

Source 5

Location of nearest well drawing from aquifer of concern or occupied building not served by a public water supply

on site
Draper Tractor has own well

Source 8

Distance from hazardous substance to above well or building and, if available, indicate up-gradient or down-gradient

N/A

Source 8

Identified water-supply well(s) drawing from aquifer of concern within a 3-mile radius of the hazardous substance and population served by each well

Public: at least 20 public wells > 199,000 people

Private: 133 x 3.5 = 465

Source 2, 3

Land area (in acres) irrigated by supply well(s) drawing from aquifer of concern within a 3-mile radius of the hazardous substance

No surface irrigation withdrawals within 3 miles downstream

Source 4

SURFACE WATER

Name/description and distance to nearest downslope surface water if within three miles

None within 3 miles - Spokane River is > 3 miles

Source 1

Average slope (in percent) of terrain between facility and above-cited surface water

N/A

Source 1

Distance to above-cited surface water

> 3 miles

Source 1

Use(s) of surface water within 3-miles (free-flowing water) or 1-mile (static water) of the hazardous substance

No surface water within 3 miles downgradient

Source 1

Location of water-supply intake(s) within 3-miles (free-flowing water) or 1-mile (static water) downstream of the hazardous substance and population served by each intake

No surface water within 3 miles downgradient

Source 1

Land area (in acres) irrigated by supply well(s) within 3-miles (free-flowing water) or 1-mile (static water) downstream of the hazardous substance

No surface water withdrawals within 3 miles downstream of facility

Source 4

Distance, in stream miles, to intakes cited in previous two items

N/A

Source ____

EPA

POTENTIAL HAZARDOUS WASTE SITE DISPOSITION

REGION	SITE NUMBER
10	WAD055501977

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET	
DRAPER TRACTOR INC.	NORTH 8525 FREYA	
C. CITY	**D. STATE**	**E. ZIP CODE**
SPOKANE	WA	99207

II. TENTATIVE DISPOSITION

Indicate the recommended action*(s)* and agency*(ies)* that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY: EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED *(If yes, complete Section III.)*	X				
C. REMEDIAL ACTION NEEDED *(If yes, complete Section IV.)*					
D. ENFORCEMENT ACTION NEEDED *(If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)*					

E. RATIONALE FOR DISPOSITION / SOURCES OF INFORMATION

FACILITY ON SITE SELLS & RENTS TRACTORS. THE SITE WAS USED TO DISPOSE ~~OF~~ REFINERY WASTES FROM AN OLD REFINERY THAT CLOSED IN THE 1940s. PRESENT OWNER HAS REMOVED 1000 CU. YDS OF OILY MATERIAL FROM THE SITE. GROUNDWATER IN AREA HAS BEEN CONTAMINATED WITH UP TO 4.6 mg/l BENZENE & 1.3 mg/l TOLUENE. AQUIFER IS DESIGNATED SOLE SOURCE. THERE ARE OTHER POSSIBLE SOURCES FOR THE GW CONTAMINATION. / WDOE SW REGIONAL OFFICE FILE, EPA ERRIS FILE

KSOB: 1

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION *(mo., day, & yr.)*

G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED *(mo., day, & yr.)*

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE *(mo., day, & yr.)*
ROBERT KIEVIT	(206) 753-9014	8-7-85

10-3-85 MA

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

THE ENTIRE N. MARKET ST. AREA SHOULD BE TREATED AS ONE SITE INCLUDING TOSCO (WAD.000641548) & DRAPER TRACTOR (WAD055501977). ADDITIONAL G.W. WELLS IN AREA SHOULD BE ANALYZED TO ASCERTAIN EXTENT OF CONTAMINATION. FULL PRIORITY POLLUTANT SCAN SHOULD BE RUN. PRIORITY: MEDIUM

B. PROPOSED INVESTIGATIVE ACTIVITY *(Detailed Information)*

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION *(mo, day, & yr)*	3. TO BE PERFORMED BY *(EPA, Contractor, State, etc.)*	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1)				
(2)				
(3)				
b. TYPE OF MONITORING				
(1)				
(2)				
c. TYPE OF SAMPLING				
(1)				
(2)				

Continued From Front

III. INVESTIGATIVE ACTIVITY NEEDED and PART B - PROPOSED INVESTIGATIVE ACTIVITY *(Continued)*

d. TYPE OF LAB ANALYSIS (1)				
(2)				
e. OTHER *(specify)* (1)				
(2)				

C. ELABORATE ON ANY OF THE INFORMATION PROVIDED IN PART B *(on front & above)* AS NEEDED TO IDENTIFY ADDITIONAL INVESTIGATIVE WORK.

D. ESTIMATED MANHOURS BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES	1. ACTION AGENCY	2. TOTAL ESTIMATED MANHOURS FOR INVESTIGATIVE ACTIVITIES
a. EPA		b. STATE	
c. EPA CONTRACTOR		d. OTHER *(specify)*	

IV. REMEDIAL ACTIONS

A. SHORT TERM/EMERGENCY STRATEGY *(On Site & Off-Site)*: List all emergency actions needed to bring site under immediate control, e.g., restrict access, provide alternate water supply, etc. See instructions for a list of Key Words for each of the actions to be used in the space below.

1. ACTION	2. EST. START DATE *(mo, day, & yr)*	3. EST. END DATE *(mo, day, & yr)*	4. ACTION AGENCY *(EPA, State, Private Party)*	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				$	
				$	
				$	
				$	
				$	
				$	

B. LONG TERM STRATEGY *(On Site & Off-Site)*: List all long term solutions, e.g., excavation, removal, ground water monitoring wells, etc. See instructions for a list of Key Words for each of the actions to be used in the spaces below.

1. ACTION	2. EST. START DATE *(mo, day, & yr)*	3. EST. END DATE *(mo, day, & yr)*	4. ACTION AGENCY *(EPA, State Private Party)*	5. ESTIMATED COST	6. SPECIFY 311 OR OTHER ACTION; INDICATE THE MAGNITUDE OF THE WORK REQUIRED
				$	
				$	
				$	
				$	
				$	
				$	

C. ESTIMATED MANHOURS AND COST BY ACTION AGENCY

1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES	1. ACTION AGENCY	2. TOTAL EST. MANHOURS FOR REMEDIAL ACTIVITIES	3. TOTAL EST. COST FOR REMEDIAL ACTIVITIES
a. EPA			b. STATE		
c. PRIVATE PARTIES			d. OTHER *(specify)*		

ID NO. SYSTEM NAME | COUNTY | CLASS
SYSTEM MAILING ADDRESS | CITY, ST ZIP
BACTI SAMPLING SCHEDULE | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
POPULATION
SOURCE NO. SOURCE NAME | CATEGORY TYPE INTERTIE DEPTH CAPACITY TREATMENT | TWP RNG SEC

01300M NORTH SPOKANE IRRIGATION DIST. #6 | SPOKANE | Class: 1
7221 NORTH REGAL | SPOKANE, WA 99207
Bacti: 2/month
Perm: 2,400
Source: 1 WELL #1 | WELL PRI. 253' 827 NONE. | 26N 43E 27E
Source: 2 WELL #2 | WELL PRI. 254' 1,437 NONE. | 26N 43E 26H
Source: 3 WELL #3 | WELL PRI. 257' 1,119 NONE. | 26N 43E 27E
Source: 4 WELL #4 | WELL PRI. 274 1,426 NONE. | 26N 43E 26H

020Y SPOKANE HUMANE SOCIETY | SPOKANE | Class: 4
N 6607 HAVANA | SPOKANE, WA 99207
Bacti: once/12 months
Perm: 15
Source: 1 | WELL 230' 15 NONE. | 26N 43E 27J

518F PARNELL WATER SYSTEM | SPOKANE | Class: 4
E 1811 HOTYOKE | SPOKANE, WA 99207
Bacti: once/12 months
Perm: 0
Source: 1 | WELL 260' 9 NONE. | 26N 43E 26N

96601Y WHITWORTH WATER DIST #2-SYSTEM #2 | SPOKANE | Class: 1
N. 10828 WAIKIKI RD | SPOKANE, WA 99218
Bacti: 14/month (m/
Perm: 11,899
Source: 1 STATION 1 | WELL PRI. 312' 425 NONE. | 26N 43E 30F
Source: 2 STATION 1A | WELL PRI. 210' 850 NONE. | 26N 43E 19F
Source: 3 83100 | PURCH 750 NONE. | 26N 43E 30N
Source: 4 STATION 2 | WELL 163' 750 NONE. | 26N 43E 19C
Source: 5 STATION 2A | WELL PRI. 265' 1,000 NONE. | 26N 43E 20D
Source: 6 STATION 2B | WELL PRI. 200' 2,500 NONE. | 26N 43E 19C
Source: 7 STATION 3 | WELL PRI. 136' 400 NONE. | 26N 43E 7F
Source: 8 STATION 3A | WELL PRI. 162' 1,500 NONE. | 26N 43E 7K
Source: 9 STATION 3B | WELL PRI. 200' 3,000 NONE. | 26N 43E 7G
Source: 10 STATION 4 | WELL PRI. 132' 350 NONE. | 26N 43E 12E

353F SPOKANE SUBURBAN WATER CO.,SYS #3A | SPOKANE | Class: 1
P.O. BOX 11167 | SPOKANE, WA 99211
Bacti: 4/month
Perm: 4,050
Source: 1 83100 | PURCH PRI. CL2. | 26N 43E 30R
Source: 2 NORMANDIE LYONS 3-1 | WELL PRI. 293' 1,100 CL2. | 26N 43E 30R
Source: 3 STEER INN 3-2 | WELL PRI. 238' 900 CL2. | 26N 43E 20N

095437 BURLINGTON NORTHERN-HILLYARD | SPOKANE | Class: 3t
W 221 1ST AVE | SPOKANE, WA 99204
Bacti: once/ 3 months
Perm: 0 Transitory: 90 90 90 90 90 90 90 90 90 90 90 90
Source: 1 WELL # 1 | WELL PRI. 210' 750 NONE. | 26N 43E 34L

ID NO. SYSTEM NAME COUNTY CLASS
SYSTEM MAILING ADDRESS CITY, ST ZIP
BACTI SAMPLING SCHEDULE JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
POPULATION
SOURCE NO. SOURCE NAME CATEGORY TYPE INTERTIE DEPTH CAPACITY TREATMENT TWP RNG SEC

179333 DRAPER TRACTOR PARTS CO SPOKANE Class: 4
N 8525 FREYA SPOKANE, WA 99207
Bacti: once/12 months
Perm: 3
Source: 1 WELL 191 30 NONE. 26N 43E 22M

5763 LOGAN'S SYSTEM SPOKANE Class: 4
RT 1 BOX 199 MEAD, WA 99021
Bacti: once/12 months
Perm: 0
Source: 1 WELL 200' 15 NONE. 26N 43E 22M

7853 SPOKANE AUCTION SPOKANE Class: 4
N 8026 MARKET SPOKANE, WA 99207
Bacti: once/12 months
Perm: 2
Source: 1 WELL 204' 15 NONE. 26N 43E 22F

678649 PLEASANT HILLS SYSTEM SPOKANE Class: 4
RT 6 BOX 318 SPOKANE, WA 99207
Bacti: once/12 months
Perm: 24
Source: 1 WELL 385' 50 NONE. 26N 43E 23E
Source: 2 WELL 410' 100 NONE. 26N 43E 23E

441055 ORCHARD PRAIRE ELEM SCHOOL #123 SPOKANE Class: 3t
N 7626 ORCHARD PRAIRIE RD SPOKANE, WA 99207
Bacti: (*) Variable: 9 9 9 9 9 9 A A BM 9 9 9
Perm: 0 Transitory: 35 35 35 35 35 35 3 3 35 35 35 35
Source: 1 WELL # 1 WELL FRI. 80' 10 NONE. 26N 43E 25C

121576 CENTRAL GRANGE SPOKANE Class: 3t
N 6215 CEDAR SPOKANE, WA 99208
Bacti: once/12 months (m)
Perm: 0 Transitory: 60 58 62 57 62 30 26 30 63 27 43 75
Source: 1 WELL # 1 WELL FRI. 60' 3 NONE. 26N 43E 25D

505373 MOUNT SAINT MICHAELS SPOKANE Class: 2
N. 8500 ST.MICHAELS RD SPOKANE, WA 99207
Bacti: once/ 3 months (*)
Perm: 90 Transitory: 50 50 50 50 50 50 20 20 50 50 50 50
Source: 1 WELL # 1 WELL FRI. 150' 300 NONE. 26N 43E 27C

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ID NO.  SYSTEM NAME                        COUNTY                 CLASS
        SYSTEM MAILING ADDRESS             CITY, ST  ZIP
        BACTI SAMPLING SCHEDULE            JAN   FEB   MAR   APR   MAY   JUN   JUL   AUG   SEP   OCT   NOV   DEC
        POPULATION
        SOURCE NO.  SOURCE NAME            CATEGORY  TYPE INTERTIE  DEPTH CAPACITY  TREATMENT                    TWP RNG SEC

50051B  MOORE PERM-A-MULCH                 SPOKANE                  Class: 4
        RT 2 BOX 38A                       MEAD, WA  99021
        Bacti: once/12 months
        Perm:          0
        Source:  1                         WELL                     219'        7  NONE.                          26N 43E 15C

420K    KAISER ALUM-MEAD WORKS,NORTH PLANT SPOKANE                  Class: 2t
        PO BOX 6317                        SPOKANE, WA  99207
        Bacti:    1/month
        Perm:          0  Transitory:  850   850   850   850   850   850   850   850   850   850   850   850
        Source:  1  WELL # 1               WELL     SEC.            285'    1,250  NONE.                          26N 43E 16D
        Source:  2  WELL # 2               WELL     SEC.            277'    1,450  NONE.                          26N 43E 16F
        Source:  3  WELL # 3               WELL     SEC.            280'      960  NONE.                          26N 43E 16C
        Source:  4  WELL # 4               WELL     PRI.            268'    4,000  NONE.                          26N 43E 16F
        Source:  5  WELL # 5               WELL     SEC.            283'    2,700  NONE.                          26N 43E 16F

9683    NORTHWEST PIPELINE CORP            SPOKANE                  Class: 4
        1022 E HAWTHORNE RD                SPOKANE, WA  99218
        Bacti: once/12 months
        Perm:          0
        Source:  1                         WELL                     248'       55  NONE.                          26N 43E 17J

1520    S&F CONSTRUCTION CO                SPOKANE                  Class: 4
        E 1006 HAWTHORNE RD                SPOKANE, WA  99218
        Bacti: once/12 months
        Perm:          2
        Source:  1                         WELL                     220'       30  NONE.                          26N 43E 17R

965800  WHITWORTH COLLEGE                  SPOKANE                  Class: 1
        W 300 HAWTHORNE RD                 SPOKANE, WA  99251
        Bacti:    1/month
        Perm:        800  Transitory:  200   400   400   400   400   100   100   100   400   400   400   400
        Source:  1  WELL # 1               WELL     PRI.            160'      600  NONE.                          26N 43E 18G
        Source:  2  WHITWORTH WTR DIST     PURCH          INTERTIE                NONE.                          26N 43E 18

574300  KAISER ALUM-MEAD WORKS,SOUTH PLANT SPOKANE                  Class: 3t
        PO BOX 6217                        SPOKANE, WA  99207
        Bacti: once/ 3 months
        Perm:          0  Transitory:  200   200   200   200   200   200   200   200   200   200   200   200
        Source:  1  WELL # 1               WELL     PRI.            206'      500  NONE.                          26N 43E 21F
        Source:  2  WELL # 2               WELL     PRI.            206'    2,000  NONE.                          26N 43E 21F

[illegible]713  NORCAN PARTS & EQUIPMENT CO SPOKANE                 Class: 4
        9423 N MARKET                      SPOKANE, WA  99207
        Bacti: once/12 months
        Perm:          3
        Source:  1                         WELL                     230'       18  NONE.                          26N 43E 22B
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ID NO. SYSTEM NAME COUNTY CLASS
SYSTEM MAILING ADDRESS CITY, ST ZIP
BACTI SAMPLING SCHEDULE JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
POPULATION
SOURCE NO. SOURCE NAME CATEGORY TYPE INTERTIE DEPTH CAPACITY TREATMENT TWP RNG SEC

817477 NORTHGATE BAPTIST CHURCH SPOKANE Class: 3t
E 311 HASTINGS ROAD SPOKANE, WA 99208
Bacti: once/ 3 months
Perm: 0 Transitory: 125 125 125 100 100 100 100 100 100 125 125 125
Source: 1 WELL # 1 WELL PRI. 78' 18 NONE. 26N 43E 8C

0685 CUSTOM CAMPER SPOKANE Class: 4t
N. 12303 DIVISION SPOKANE, WA 99218
Bacti: once/12 months
Perm: 0 Transitory: 8 8 8 8 8 8 8 8 8 8 8 8
Source: 1 WELL 1 WELL PRI. 50' 20 NONE. 26N 43E 8F

387F PINE ACRES PITCH & PUTT SPOKANE Class: 4
N 11912 DIVISION SPOKANE, WA 99218
Bacti: once/12 months
Perm: 20
Source: 1 WELL 60' 350 NONE. 26N 43E 8L

66581T PATTISON'S NORTH SPOKANE Class: 3t
N. 11505 DIVISION SPOKANE, WA 99218
Bacti: once/ 3 months (*)
Perm: 5 Transitory: 250 250 250 250 250 250 250 250 250 250 250 250
Source: 1 WELL WELL PRI. 50' 75 NONE. 26N 43E 8M

587791 NELSON LANDSCAPE SERVICE INC SPOKANE Class: 4
11001 NEWPORT HWY SPOKANE, WA 99218
Bacti: once/12 months
Perm: 15
Source: 1 WELL 240' 100 NONE. 26N 43E 8Q

654H BIG D MOTEL SPOKANE Class: 4t
E. 4202 LANE PARK RD SPOKANE, WA 99021
Bacti: once/12 months (*)
Perm: 0 Transitory: 4 4 4 4 4 4 4 4 4 4 4 4
Source: 1 WELL # 1 WELL SEC. 190' 50 NONE. 26N 43E 10J
Source: 2 WELL # 2 WELL PRI. 87' 20 NONE. 26N 43E 10J

783547 SPOKANE SUBURBAN WATER CO.,SYS #3B SPOKANE Class: 1
P.O. BOX 11187 SPOKANE, WA 99211
Bacti: 2/month
Perm: 2,170
Source: 1 GUY & FREYA 3-4 WELL PRI. 106' 608 NONE. 26N 43E 10L
Source: 2 DAKOTA & PARWELL 3-5 WELL PRI. 95' 417 NONE. 26N 43E 5Q
Source: 3 FREYA & PARWELL 3-6 WELL PRI. 200' 432 NONE. 26N 43E 3P
Source: 4 CHERRY & PARWELL 3-7 WELL PRI. 182' 2,160 CL2. 26N 43E 3N
Source: 5 FREYA & GUY 3-13 WELL PRI. 116' 100 NONE. 26N 43E 10L

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Application No. .....

Permit No. .....

(1) OWNER: Name Hohenstein Enterprises Address W. 5820 Holyoke Spokane, Wa. 99208

(2) LOCATION OF WELL: County Spokane SW¼ SE¼ Sec. 21 T. 26 N., R. 43 W.M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☒ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) ....

New well XX Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☐ Driven ☐
Reconditioned ☐ Rotary ☒ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 80 ft. Depth of completed well 80 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 " Diam. from +1 ft. to 75 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☐ No ☒
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes XX No ☐
Manufacturer's Name Johnson
Type stainless steel Model No.
Diam. 6 Slot size 25 from 75 ft. to 80 ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal bentonite
Did any strata contain unusable water? Yes ☐ No ☐
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level .... ft.
Static level 50 ft. below top of well Date
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test 40 gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No ☐

(10) WELL LOG:

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
gravel and sand w/boulders	0	20
sand, dirty	20	40
sand	40	60
gravel w/sand	60	80

RECEIVED
OCT 28 1977
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started Oct. 19, 1977 Completed Oct. 19, 1977

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Bartholomew Drilling, Inc. (Person, firm, or corporation) (Type or print)

Address Nine Mile Falls, Wa. 99026

[Signed] [illegible] (Well Driller)

License No. 027 Date 10-25, 1977

STATE OF WASHINGTON
DEPARTMENT OF CONSERVATION
DIVISION OF WATER RESOURCES

A-10279
P-9783

WELL LOG

Record by Driller

Source Driller's Record

Location: State of WASHINGTON

County Spokane

Area 1270' N and 320' W

Map from SE corner Sec 21

NE¼SE¼ SE¼ sec. 21 T26 N., R. 43 E.

Diagram of Section

Drilling Co. Andrew Fisher

Address Rt. 1, Box 53, Deer Park

Method of Drilling Date Dec. 12, 1970

Owner (b) (6) [redacted]

Address [redacted] Spokane

Land surface, datum ft. above/below

SWL: 190 ft Date Dec. 17, 1970 Dims.: 12"x260'

Correlation	Material	From (feet)	To (feet)
	(Transcribe driller's terminology literally but paraphrase as necessary, in parentheses. If material water-bearing, so state and record static level if reported. Give depths in feet below land-surface datum unless otherwise indicated. Correlate with stratigraphic column, if feasible. Following log of materials, list all casings, perforations, screens, etc.)		
	Irrigation use		
	Sand, fine	0	39
	Sand	39	53
	Gravel, medium coarse	53	95
	Sand, fine	95	190
	WATER AT	190	
	Sand, fine	190	223
	Gravel, coarse	223	235
	Gravel, fine	235	240
	Gravel, small	240	260
	Casing: 12" from 0 to 260'		
	Screen installed from 246 to 260'		
	Pump: 60 h.p. Turbine		

Turn up

Sheet ..... of ..... sheets

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epartment of Ecology
econd Copy — Owner's Copy
hird Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Application No. .....

Permit No. G3-26565

OWNER: Name (b) (6) [redacted] Address (b) (6) [redacted] Spokane, Wa. 99207

(2) LOCATION OF WELL: County Spokane NW 4 SE ¼ ¼ Sec. 21 T. 26 N., R. 43E W.M.

Bearing and distance from section or subdivision corner Lot 25 Gordon Home Add'n

(3) PROPOSED USE: Domestic ☐ Industrial XX Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) .....
New well ☐ Method: Dug ☐ Bored ☐
Deepened ☐ Cable XX Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 8 inches.
Drilled 244 ft. Depth of completed well 244 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 8 " Diam. from +1 ft. to 238 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded XX " Diam. from ft. to ft.

Perforations: Yes ☐ No XX
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes XX No ☐
Manufacturer's Name Johnsons
Type 8" Telescoping Model No.
Diam. Slot size 40 from 213 ft. to 223 ft.
Diam. Slot size 35 from 223 ft. to 228 ft.
25 228 233

Gravel packed: Yes ☐ No XX Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes XX No ☐ To what depth? 18 ft.
Material used in seal Bentinite
Did any strata contain unusable water? Yes ☐ No XX
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level 1970 ft.
Static level 193 ft. below top of well Date 11/13/80
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes XX No ☐ If yes, by whom? Art Franke
Yield: 200 gal./min. with 3 ft drawdown after 4 hrs.
" " "
" " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No XX

(10) WELL LOG:

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Top soil	0'	1'
Sand, fine	1'	38'
Sand, fine to coarse	38'	41'
Sand, coarse w/wheat gravel	41'	44'
Sand, fine & coarse	44'	53'
Sand, coarse	53'	57'
Sand, fine & coarse	57'	79'
Sand, coarse w/wheat gravel	79'	85'
Sand, coarse	85'	92'
Sand, fine & coarse	92'	101'
Sand, coarse w/wheat gravel	101'	113'
Sand, coarse	113'	122'
Sand, coarse w/wheat gravel	122'	130'
Sand, fine & coarse	130'	140'
Sand, coarse w/wheat gravel	140'	160'
Sand, fine & coarse	160'	176'
Sand, silty & fine	176'	182'
Clay, creamy, tan	182'	191'
Clay, tan w/coarse sand	191'	197'
Clay, blue	197'	198'
Sand, coarse w/pea gravel	198'	200'
Sand, med. fine & coarse	200'	202'
Sand, coarse w/wheat gravel	202'	205'
Snad, coarse	205'	215'
Sand, coarse w/wheat gravel	215'	217'
Sand, coarse, some 3/4 round gravel	217'	224'
Sand, coarse w/wheat & pea gravel	224'	228'
Sand, coarse	228'	230'
Sand, fine & coarse	230'	232'
Sand, fine & med fine	232'	236'
Sand, fine	236'	238'
Clay, tan w/fine sand	238'	243'
Granite, salt & pepper, med hard	243'	244'

Work started Aug 25 Appt. 20 gpm Fd. 1980 Completed Nov. 13 1980

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME ZINKGRAF'S WELL DRILLING CO.
(Person, firm, or corporation) (Type or print)

Address E. 1606 Sharp, Box 4341, Spokane, Wa. 99202

[Signed] Carl E. Zinkgraf
(Well Driller)

License No. 0543 Date Nov. 20 1980

File Original and First Copy with Department of Ecology
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT

STATE OF WASHINGTON

Application No. .....

Permit No. .....

(1) OWNER: Name R. A. HANSON CO., INC. Address P. O. Box 7400, Spokane, WA. 99207

(2) LOCATION OF WELL: County Spokane N½ — ¼ ¼ Sec. 21 T. ~~28~~ 26 N., R. 43E W.M.

Bearing and distance from section or subdivision corner

(3) PROPOSED USE: Domestic ☐ Industrial ☐ Municipal ☐ Irrigation ☐ Test Well ☒ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one)....

New well XX Method: Dug ☐ Bored ☐
Deepened ☐ Cable XX Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 6 inches.
Drilled 238 ft. Depth of completed well 238 ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 6 " Diam. from +2 ft. to 209 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded XX " Diam. from ft. to ft.

Perforations: Yes ☐ No XX
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☐ No XX
Manufacturer's Name
Type Model No.
Diam. Slot size from ft. to ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No XX Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes XX No ☐ To what depth? 18 ft.
Material used in seal Bentinite
Did any strata contain unusable water? Yes ☐ No XX
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level.... ft.
Static level ft. below top of well Date
Artesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
Was a pump test made? Yes ☐ No ☐ If yes, by whom?
Yield: gal./min. with ft. drawdown after hrs.
" " " "
" " " "

Recovery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

Date of test 5/9/84
Bailer test 20+ gal./min. with 0 ft. drawdown after 1 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes ☐ No XX

(10) WELL LOG:

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Sand, fine	0'	31'
Sand, coarse w/wheat gravel	31'	34'
Sand, coarse w/pea gravel	34'	43'
Sand, coarse w/3/4" gravel	43'	49'
Sand, coarse w/wheat gravel	49'	60'
Sand, coarse w/pea gravel	60'	78'
Sand, fine & ciarse	78'	92'
Granite, cream & white, med hrd	92'	101'
Sand, fine & coarse	101'	104'
Sand, coarse w/wheat gravel	104'	117'
Sand, coarse w/pea gravel	117'	135'
Clay, blue grey	135'	158'
Sand, silty & fine	158'	163'
Sand, fine & coarse	163'	170'
Sand, fine & coarse w/wheat gravel	170'	178'
Sand, coarse w/pea gravel	178'	182'
Sand, coarse w/gravel up to 1"	182'	190'
Sand, coarse w/wheat gravel	190'	192'
Sand, fine & coarse	192'	198'
Clay, tan	198'	199'
Granite, white-grey-blk-cream, med hrd	199'	209'
Granite, white-grn-cream, hrd	209'	213'
Granite, white-grn-cream, med hrd	213'	222'
Granite, creamy white-grn-grey, hrd	222'	226'
Granite, white-grey-blk, w/white clay, med hrd	226'	236'
Granite, blk-white-cream-grn, soft, water	236'	238'

RECEIVED
OCT 11 1984
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Work started May 9, 1984 Completed May 9, 1984

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME ZINKGRAF'S WELL DRILLING CO.
(Person, firm, or corporation) (Type or print)

Address P. O. BOX 4341, Spokane, WA. 99202

[Signed] Carl Zinkgraf
(Well Driller)

License No. 0543 Date May 23, 1984

(USE ADDITIONAL SHEETS IF NECESSARY)

ECY-050-1-20

Department of Ecology — Copy with
Second Copy — Owner's Copy
Third Copy — Driller's Copy

WATER WELL REPORT
STATE OF WASHINGTON

Application No. .....
Permit No. 73-25035

(1) OWNER: Name Washington Water Power Co. Address P. O. Box 3727 Spokane, Wash. 99220

(2) LOCATION OF WELL: County Spokane — NE ¼ SE ¼ Sec. 21 T. 26 N., R. 43E W.M.

ing and distance from section or subdivision corner Approx., 2 miles south of Mead, Wash.

(3) PROPOSED USE: Domestic ☐ Industrial ☒ Municipal ☐ Irrigation ☐ Test Well ☐ Other ☐

(4) TYPE OF WORK: Owner's number of well (if more than one) .... Unknown
New well ☒ Method: Dug ☐ Bored ☐
Deepened ☐ Cable ☒ Driven ☐
Reconditioned ☐ Rotary ☐ Jetted ☐

(5) DIMENSIONS: Diameter of well 8 inches.
Drilled 281 ft. Depth of completed well 279'10" ft.

(6) CONSTRUCTION DETAILS:

Casing installed: 8" " Diam. from +2 ft. to 269 ft.
Threaded ☐ " Diam. from ft. to ft.
Welded ☒ " Diam. from ft. to ft.

Perforations: Yes ☐ No ☒
Type of perforator used
SIZE of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

Screens: Yes ☒ No ☐
Manufacturer's Name Johnson Division UOP
Type Stainless Steel Model No. TS
Diam. 8" Slot size 80 from 269 ft. to 279 ft.
Diam. Slot size from ft. to ft.

Gravel packed: Yes ☐ No ☒ Size of gravel:
Gravel placed from ft. to ft.

Surface seal: Yes ☒ No ☐ To what depth? 18 ft.
Material used in seal Bentonite
Did any strata contain unusable water? Yes ☐ No ☒
Type of water? Depth of strata
Method of sealing strata off

(7) PUMP: Manufacturer's Name Unknown
Type: H.P.

(8) WATER LEVELS: Land-surface elevation above mean sea level 2000 ft.
atic level 170 ft. below top of well Date 7-11-77
rtesian pressure lbs. per square inch Date
Artesian water is controlled by (Cap, valve, etc.)

(9) WELL TESTS: Drawdown is amount water level is lowered below static level
as a pump test made? Yes ☐ No ☒ If yes, by whom?
eld: gal./min. with ft. drawdown after hrs.
" " "
" " "

covery data (time taken as zero when pump turned off) (water level measured from well top to water level)

Time	Water Level	Time	Water Level	Time	Water Level

ir tested at 317 GPM from 269 ft
l water expelled Tested for 8½ hrs.
Date of test 7-13-77
iler test gal./min. with ft. drawdown after hrs.
tesian flow g.p.m. Date
mperature of water Was a chemical analysis made? Yes ☐ No ☒

(10) WELL LOG:

Formation: *Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.*

MATERIAL	FROM	TO
Sandy top soil	0	21' 4"
Sand, small gravel	21-4	41' 4"
Sand, small gravel	41-4	61' 4"
Sand, small gravel	61-4	81' 4"
Sand, small gravel	81-4	111' 4"
small gravel	111-4	131' 4"
Small gravel	131-4	161' 4"
Sand, gravel, mud, some water	161-4	201' 4"
Sand, little water	201-4	221' 4"
Sand, mud, small gravel, gray clay	221-4	241' 4"
Gray blue, clay, some pea gravel	241-4	256' 7"
water at 256ft 7"		
Sand, small gravel, water	256-7	271' 10
Gravel, fine sand, cemented conglomerate	271-10	281'10
Well was developed by air for 3 days		

9 gpm/ft
100 gal/hr
100 gpm

RECEIVED
AUG 25 1977
DEPARTMENT OF ECOLOGY
SPOKANE REGIONAL OFFICE

Spokane NE 7½

Work started June 13, 1977 Completed July 13, 1977

WELL DRILLER'S STATEMENT:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.

NAME Fisher Supply Co.
(Person, firm, or corporation) (Type or print)

Address E 2915 Lincoln Rd Spokane, Wash 99207

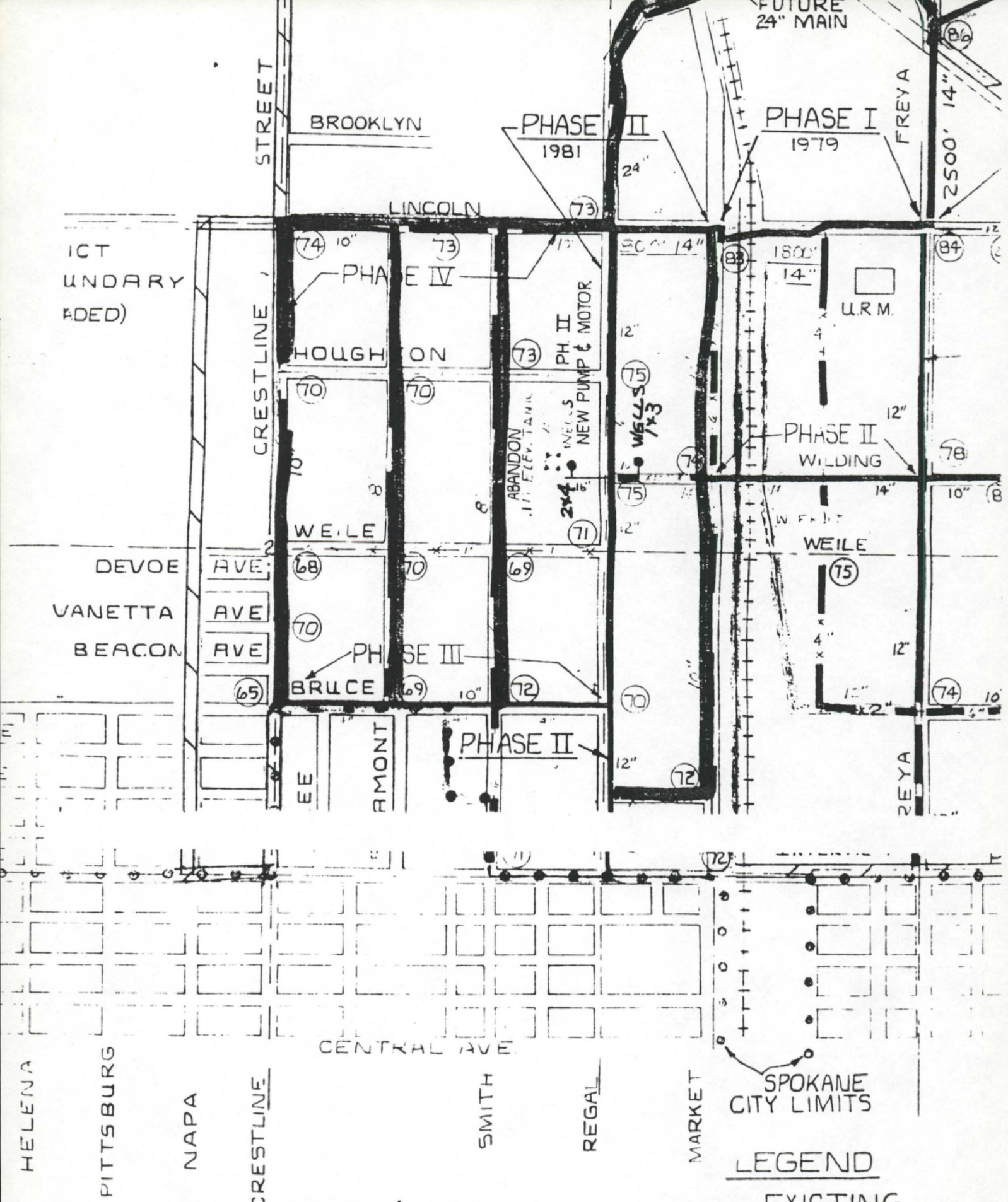
[Signed] Gilbert C Little
(Well Driller)

License No. 0422 Date July 18, 1977

(USE ADDITIONAL SHEETS IF NECESSARY)

050-1-20

8/25/77



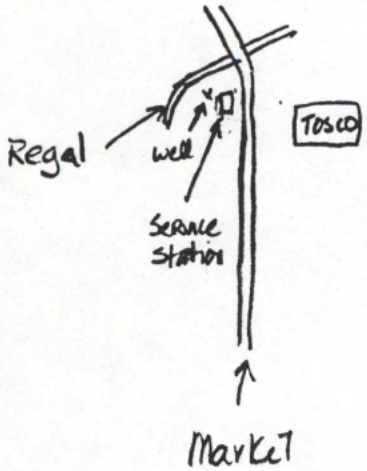
North ~~Market~~
Spokane
Irrigation Dist

12/31/87

ervice Station: self serve gas station wants to include convenience store

- N. 8310 Market, west side of Market Street across from Tosco Tank Farm.
  5 gasoline tanks running east + west

- well in concrete pit west of the station T26N, R43E 22
  dug 6½ years ago NW¼
  6" diameter, 20-25 gpm 1.5 horsepower
  two spickets close to well head 1978 at 180'
  drilled to 220' water measured



- OWNER Louie Rizzuto home - (b) (6) [redacted]
  work (Acme Concrete) 535-3081

  Business address BR + B Inc.
  P.O. 6304 Hillyard Station
  Spokane, WA 99207

- water sample taken by Dan Sunder @ 4:15 Nitrates, Cl + EC

<1300M NORTH SPOKANE IRRIGATION DIST. #8 Class: 1 County:SPOKANE ABC:2/0
7221 NORTH REGAL WFI printed:10/10/84

SPOKANE, WA 99207
Serves 260 people

Next sample due - Frequency
Bacti: 2/month
Inorg.chem: 4/tri-an

(W)	N a m e	Catg	Typ	Well dep	Cap-gpm	twp/rng-sec	d.o.e.
001	WELL #1	WELL	PRI	258 ft	837	26N 43E 27E	
	Treatment: None						
002	WELL #2	WELL	PRI	254 ft	1,437	26N 43E 28H	
	Treatment: None						
003	WELL #3	WELL	PRI	257 ft	1,119	26N 43E 27E	
	Treatment: None						
004	WELL #4	WELL	PRI	274 ft	1,476	26N 43E 28H	
	Treatment: None						

1	5105549	05/11/82	2643E	ARSENIC	<0.01	IRON	<0.05
				BARIUM	<0.25	MANGANESE	<0.01
				CADMIUM	<0.002	SODIUM	5
				CHROMIUM	<0.01	HARDNESS	120
				LEAD	<0.01	CONDUCTIVITY	240
				MERCURY	0.0005	TURBIDITY,CH	0.1
				SELENIUM	<0.005	COLOR	<5
				SILVER	<0.01	CHLORIDE	<5
				FLUORIDE	<0.2		
				NITRATE	1		
2	5207661	11/00/81	2643E	FLUORIDE	0.2	SODIUM	5
				NITRATE	1.1	CONDUCTIVITY	250
						CHLORIDE	3
						SULFATE	13
3	5207074	07/30/81	2643E	FLUORIDE	<0.2	SODIUM	5
				NITRATE	1.1	CONDUCTIVITY	260
						CHLORIDE	<5
						SULFATE	15
4	5207017	07/30/81	2643E	FLUORIDE	<0.2	SODIUM	<5
				NITRATE	0.8	CONDUCTIVITY	250
						CHLORIDE	5
						SULFATE	15
5	5206179	01/27/81	2643E	FLUORIDE	<0.2	SODIUM	<5
				NITRATE	1.1	CONDUCTIVITY	250
						CHLORIDE	15
						SULFATE	20
6	5204291	06/11/80	2643E	FLUORIDE	0.4	MANGANESE	0.01
				NITRATE	1	SODIUM	10
						CONDUCTIVITY	260
						CHLORIDE	10
						SULFATE	10

095431 BURLINGTON NORTHERN-HILLYARD
W 221 1ST AVE

SPOKANE, WA 99204

Manager: RON MICHELBOOK
455-7418

Owner:

Ownership: PRI/INDUST Basin: 55
Predom.Char: BUSINESS, COMMERCIAL

Water Production (Thou.gals)
Max day: 00/00/00 100
Min day: 00/00/00 0
Annual Prod: 18,250

Consumption
Resid: 0%
Rec: 0%
Commer: 0%
Indust: 0%
Agric: 0%
Lost: 25%

Class: 3L County: SPOKANE
WFI printed: 09/24/82

Max Pop.	#PermSvc	#TranSvc	#Metered
0	0	0	0

---- Transitory Population ----

Jan:	90	Jul:	90
Feb:	90	Aug:	90
Mar:	90	Sep:	90
Apr:	90	Oct:	90
May:	90	Nov:	90
Jun:	90	Dec:	90

Distribution Reservoir(s)
Total Cap: 110 Thou.gals
Type: Gravity Uncovered: 0%
Gravity Covered: 100%
Pressure: 0%

Last WFI Completed: 11/--/80

Equip:

DB	Name	Catg	Typ	Well dep	Cap-gpm	twp/rng-sec	d.o.e.
01	WELL # 1	WELL	PRI	210 ft	750	26N 43E 34L	

Treatment: None

0 Inorganic Chemistry Analyses Present

From: Dan Sander
DSHS
10/30/84

199333 DRAPER TRACTOR PARTS CO
N 8525 FREYA

SPOKANE, WA 99207

Class:4 County:SPOKANE
Added:08/78

Max Pop.	#PermSvc	#TranSvc	#Metered
3	2	0	0

Manager:

Owner:

Ownership: PRI/INDUST Basin:54
Predom.Char: OTHER

--- Transitory Population ---

Jan:	0	Jul:	0
Feb:	0	Aug:	0
Mar:	0	Sep:	0
Apr:	0	Oct:	0
May:	0	Nov:	0
Jun:	0	Dec:	0

Water Production (Thou.gals)

Max day:00/00/00	0.750
Min day:00/00/00	0
Annual Prod:	136.875

Consumption

Resid:	0%
Rec:	0%
Commer:	0%
Indust:	0%
Agric:	0%
Lost:	0%

Distribution Reservoir(s)

Total Cap: 0 Thou.gals
Type: Gravity Uncovered: 0%
Gravity Covered: 0%
Pressure: 0%

Last WRI Completed:08/--/78

Ownership quit:

ID	Name	Catg	Typ	Well dep	Cap-gpm	twp/rng-sec	d.o.e.
001		WELL		191 ft	30	26N 43E 22M	

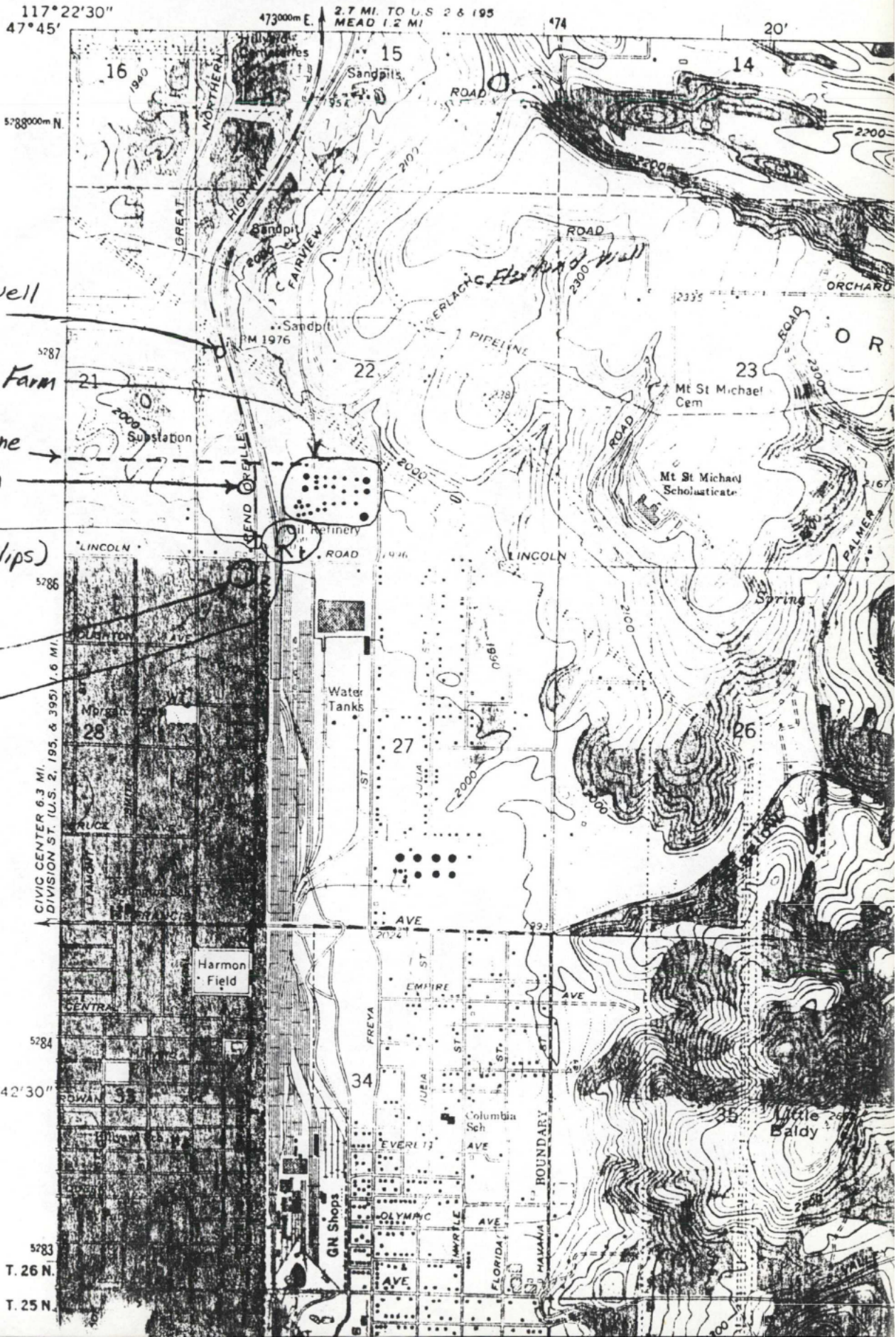
Treatment: None

No Inorganic Chemistry Analyses Present

(DEER PARK 1:62 500) 2579 IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Spokane NE
1963



r. of Mines well
. A. Hanson)

TOSCO Tank Farm

Chevron Pipeline

ervice Station

Closed

Searchlight (Phillips)
Refinery

idget
Oil
to Z Rental

3-25-85

XXXXXXXXXXX
Governor

XXXXXXXXXXX
Director

STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

Mail Stop PV-11 • Olympia, Washington 98504 • (206) 459-6000

M E M O R A N D U M

May 6, 1985

TO: Flora Goldstein

FROM: Dick Huntamer, Chemist

SUBJECT: Volatile Organic Analysis of North Market Street Water Samples, Spokane, Washington

Five water samples, collected on March 25, 1985, were received at the Manchester Environmental Laboratory for Volatile Organic Analysis (VOA.) The results of the analysis are attached.

Lab Number	
137001	Fasmart Spigot near well head
137002	A to Z Spigot near well head
137003	WWP Spigot near well head
137004	R.A. Hanson Spigot near well head
137005	Transport Blank

Attachment

DH:cm

cc: Merley McCall

VOLATILES

ECT CODE DOE-110A

PROJECT North Market st COMPILED BY: G. Muth DATE: 5-2-85

LABORATORY Region 10 REVIEWED BY: ARS DATE: 5-3-85

	Fasmat	A to Z	WWP	R.A Hansen	Beagle
SAMPLE # :	137001	137002	137003	137004	137005
UNITS :	µg/L	µg/L	µg/L	µg/L	µg/L
% SOLIDS :	15	17	17	17	17
Date Analyzed :	4-9-85	4-11-85	4-11-85	4-11-85	4-11-85
1. acrolein	NA	NA	NA	NA	NA
2. acrylonitrile	NA	NA	NA	NA	NA
3. benzene	5U	0.4J	5U	245	5U
4. carbon tetrachloride		5U		5U	
5. chlorobenzene				↓	
6. 1,2-dichloroethane				3J	
7. 1,1,1-trichloroethane				5U	
8. 1,1-dichloroethane					
9. 1,1,2-trichloroethane					
10. 1,1,2,2-tetrachloroethane	↓	↓	↓	↓	↓
11. chloroethane	10U	10U	10U	10U	10U
12. 2-chloroethylvinyl ether	10U	10U	10U	10U	10U
13. chloroform	5U	5U	5U	5U	5U
14. 1,1-dichloroethylene					
15. 1,2-trans-dichloroethylene					
16. 1,2-dichloropropane					
17. cis-1,3-dichloropropylene					
18. trans-1,3-dichloropropylene		↓		↓	
19. ethylbenzene	↓	0.2J	↓	2	↓
20. methane, dichloro-	2UJ	2UJ	2UJ	2UJ	5UJ
21. methane, chloro-	10U	10U	10U	10U	10U

VOLATILES (Continued)

PROJECT North Market st. COMPILED BY: G. Muth DATE:

LABORATORY Region 10 REVIEWED BY: [illegible] DATE: 5-3-55

	Fasmart	A to Z	WWP	R.A Hanna	Blank
SAMPLE # :	137001	137002	137003	137004	137005
UNITS :	µg/L	µg/L	µg/L	µg/L	µg/L
22. methane, bromo-	10U	10U	10U	10U	10U
23. methane, tribromo-	5U	5U	5U	5U	5U
24. methane, dichlorobromo-					
25. chlorodibromomethane					
26. tetrachloroethylene					
27. toluene				11	
28. trichloroethylene		1J		5U	
29. vinyl chloride	10U	10U	10U	10U	10U

Value — If the result is a value greater than or equal to the detection limit, report the value.

U — Indicates compound was analyzed for but not detected. Report the minimum detection limit for the sample with the U (e.g.10U) based on necessary concentration dilution actions (This is not necessarily the instrument detection limit). The footnotes should read U: Compound was analyzed for for but not detected. The number is the minimum attainable detection limit for the sample.

J — Indicates an estimated value. The flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed or when the mass spectral data indicates the presence of a compound that meets the identification criteria but the result is less than the specified detection limit but greater than zero. (e.g. 10J)

B — This flag is used when the analyte is found in the blank as well as a sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.

NON-PRIORITY POLLUTANT HAZARDOUS SUBSTANCES LIST COMPOUNDS

PROJECT North Market st COMPILED BY: G. Muth DATE:

LABORATORY Region 10 REVIEWED BY: [illegible] DATE: 5-3-85

SAMPLE # :	137001	137002	137003	137004	137005				
UNITS :		ug/L	ug/L	ug/L	ug/L				
1. benzoic acid									
2. 2-methylphenol									
3. 4-methylphenol									
4. 2,4,5-trichlorophenol									
5. aniline									
6. benzyl alcohol									
7. 4-chloroaniline									
8. dibenzofuran									
9. 2-methyl naphthalene									
0. 2-nitroaniline									
1. 3-nitroaniline									
2. 4-nitroaniline									
3. acetone	6UJ	4UJ	3UJ	10U	1UJ				
4. 2-butanone	10U	3J	3J	10U	2J				
5. carbon disulfide	5U	5U	5U	5U	5U				
6. 2-hexanone	10U	10U	10U	10U	10U				
7. 4-methyl-2-pentanone	10U	10U	10U	10U	10U				
8. styrene	5U	0.2J	5U	5U	5U				
9. vinyl acetate	10U	10U	10U	10U	10U				
0. O-xylene	NA	NA	NA	NA	NA				
1. Total Xylenes	5U	0.4J	5U	160	5U				

N. SPIELMAN
Governor

DONALD W. MOOS
Director

STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY
Mail Stop PV-11 • Olympia, Washington 98504 • (206) 459-6000

TO: Merley McCall - Jim Malm

FROM: D. Huntamer - Chemist

SUBJECT: Volatile Organic Analysis of North Market Street Water Samples, Mead, Spokane

DATE: August 1, 1984

Two water samples collected on July 9, 1984 were received at the Manchester Environmental Laboratory on July 10, 1984 for volatile organic analyses. The results of the analyses are attached.

EPA#	WDOE#		
28000	142982	Water	R.A. Hanson
28001	142981	Water	A-2 Rental Well

WDOE/ VOLATILES GOODOE DOE-043A

PROJECT: N. Market St COMPILED BY: J M Blizzard DATE: 7-30-84

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 7-30-84

SAMPLE # :	28000	28001						
UNITS :	ug/l →							
LOQ :	7-16-84 →							
1. acrolein	10u	10u						
2. acrylonitrile	5u	5u						
3. benzene	46.00	3.1						
4. carbon tetrachloride	2u	2u						
5. chlorobenzene	↓	↓						
6. 1,2-dichloroethane	27	↓						
7. 1,1,1-trichloroethane	2u	↓						
8. 1,1-dichloroethane	↓	↓						
9. 1,1,2-trichloroethane	↓	↓						
10. 1,1,2,2-tetrachloroethane	↓	↓						
11. chloroethane	↓	↓						
12. 2-chloroethylvinyl ether	↓	↓						
13. chloroform	↓	↓						
14. 1,1-dichloroethylene	↓	↓						
15. 1,2-trans-dichloroethylene	↓	↓						
16. 1,2-dichloropropane	↓	↓						
17. 1,3-dichloropropylene	↓	↓						
18. ethylbenzene	1300	2m						
19. methylene chloride	2u	2u						
20 methyl chloride	↓	↓						
21. methyl bromide	↓	↓						
22. bromoform	↓	↓						

VOLATILES(Continued)

PROJECT: WDCE/ No Market St COMPILED BY: JM Blazevich DATE: 7-30-84

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE: 7-30-84

SAMPLE # :	28000	28001						
UNITS :	ug/l	→						
LOQ :	7-16-84	7-16-84						
23. dichlorobromomethane	2u	2u						
24. trichlorofluoromethane	↓	↓						
25. dichlorodifluoromethane								
26. chlorodibromomethane		↓						
27. tetrachloroethylene	↓	40						
28. toluene	1300	2m						
29. trichloroethylene	2u	2.9						
30. vinyl chloride	↓	2u						

NON-PRIORITY POLLUTANT HAZARDOUS SUBSTANCES LIST COMPOUNDS

PROJECT: WDOE / No. Market St COMPILED BY: JM Blazevich DATE 7-30-84

LABORATORY: EPA Region X REVIEWED BY: [illegible] DATE 7-30-84

SAMPLE # :	28000	28001						
UNITS :	ug/l →							
LOQ :								
1. benzoic acid								
2. 2-methylphenol								
3. 4-methylphenol								
4. 2,4,5-trichlorophenol								
5. aniline								
6. benzyl alcohol								
7. 4-chloroaniline								
8. dibenzofuran								
9. 2-methyl naphthalene								
10. 2-nitroaniline								
11. 3-nitroaniline								
12. 4-nitroaniline								
13. acetone	24	24						
14. 2-butanone	↓	↓						
15. carbon disulfide								
16. 2-hexanone								
17. 4-methyl 1-2-pentanone								
18. styrene								
19. vinyl acetate	ND	ND						
20. o-xylene	290	2m						

SITE DATA
****

EPA ID NO.: WAD055501977 SHEET 01

(ACTION : *__* - FOR DATA ENTRY USE ONLY)

SF ID: *___* *___* *___* SITE NAME: DRAPER TRACTOR PARTS SOURCE: S SOURCE COUNTS:

___ *___* STREET: N 8525 FREYA CONG. DIST: 02 NOTIS: 0

NATL PRIORITY: N CITY: SPOKANE ST: WA ZIP: 99207-_____ STS: 1

HRS: *____.__* CNTY NAME: SPOKANE CNTY CODE: 063 HWDMS: 0

HRS DATE (YY/MM): *___/___* LATITUDE: 47/42/42.0 LONGITUDE: 117/20/00.0 COMPOSITE: 0

RESPONSE TERMINATION (CHECK ONE IF APPLICABLE): PENDING *__* NO FURTHER ACTION *__* OTHER: 0

ENF. DISP. (CHECK ANY THAT APPLY): NO VIABLE RESP. PARTY *__* VOL. RESP. *__* ENF. RESP. *__* COST RECOV. *__*

RSPO NAME: *_____* RSPO PHONE: *____-____-_____* FED. FAC. (Y/N): N NON-SITE: *__*

SMSA: 7840 USGS HYDRO. UNIT: 17010308 REG. FLD1: *_____* REG. FLD2: *__*

SITE DESCRIPTION: *_____*
_____
_____
_____

EVENTS
******

	(ACTION - FOR DATA ENTRY USE ONLY)	EVENT TYPE	DATE (YY/MM) STARTED	DATE (YY/MM) COMPLETED	- - - - -CONDUCTED BY - - - - EPA	STATE	RESP/PARTY	OTHER	COUNTS
RESPONSE EVENTS	*__*	(X) SITE DISCOVERY (SD)		80/01					
	__	PRELIMINARY ASSESSMENT (PA)	*___/___*	*___/___*	*__*	*__*			
	__	SITE INVESTIGATION (SI)	*___/___*	*___/___*	*__*	*__*			
	__	REMEDIAL ACTION (RD)	*___/___*	*___/___*	*__*	*__*	*__*	*__*	*___*
	__	REMOVAL ACTION (RV)	*___/___*	*___/___*	*__*	*__*	*__*	*__*	*___*
ENFORCE. EVENTS	*__*	ENFORCEMENT INVESTIGATION (EI)	*___/___*	*___/___*	*__*	*__*		*__*	
	__	ADMINISTRATIVE ORDER (AO)	*___/___*	*___/___*	*__*	*__*		*__*	
	__	JUDICIAL ACTION (JA)	*___/___*	*___/___*	*__*	*__*		*__*	

SITE NAME: DRAPER TRACTOR PARTS

SITE COMMENTS
****

(ACTION - FOR DATA ENTRY USE ONLY)	COMMENT NUMBER	COMMENT
_	001	ALTHOUGH PETROLEUM IS NOT A HAZARDOUS WASTE, THERE IS A POSSIBILTY
_	002	THAT THE WASTE ON THIS SITE MIGHT CONTAIN PCB AND LEAD. A SITE VISIT
_	003	IS NEEDED IN ORDER TO SAMPLE THE GROUNDWATER SYSTEM FOR TRACES OF PCB
_	004	AND LEAD. THIS SITE SHOULD BE REFERED TO THE FIELD INVESTIGATION TEAM.
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
_	*____*	*
* *	* *	*

EPA ID NO.: WAD055501977 SHEET 04

SITE NAME: DRAPER TRACTOR PARTS

REGIONAL ENTRIES
****

(ACTION - FOR DATA ENTRY USE ONLY)	ENTRY CODE	DESCRIPTION	DATE1 (YY/MM/DD)	DATE2 (YY/MM/DD)	DATE3 (YY/MM/DD)	FREE FIELD
_	LLHO.01	WASTE TYPE & QUANTITY: OIL WASTE, POSSIBLE PCB AND LEAD	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	LLHO.02	WASTE SOURCE: OIL REFINERY	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	LLLL.01	SITE AREA: 15 ACRES	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	LLLO.01	SITE ACTIVITY: INACTIVE SITE	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	LLLO.02	RECOMMENDATION FOR SITE: WARRANTS FURTHER INVESTIGATION	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*
_	*____.__*	*	*__/__/__*	*__/__/__*	*__/__/__*	*_____*

EPA

POTENTIAL HAZARDOUS WASTE SITE
TENTATIVE DISPOSITION

REGION	SITE NUMBER
10	1980

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET	
DRAPER TRACTOR PARTS, Inc	N. 8525 FREYA	
C. CITY	**D. STATE**	**E. ZIP CODE**
SPOKANE	WA	99207

II. TENTATIVE DISPOSITION

Indicate the recommended action*(s)* and agency*(ies)* that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY: EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED -- NO HAZARD					
B. INVESTIGATIVE ACTION(S) NEEDED *(If yes, complete Section III.)*	X	X	X		
C. REMEDIAL ACTION NEEDED *(If yes, complete Section IV.)*					
D. ENFORCEMENT ACTION NEEDED *(If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)*					

E. RATIONALE FOR DISPOSITION

Oil has saturated the ground 20-30 ft deep. Adjacent property has oil on ground. Site may require better control.

F. INDICATE THE ESTIMATED DATE OF FINAL DISPOSITION *(mo., day, & yr.)*	G. IF A CASE DEVELOPMENT PLAN IS NECESSARY, INDICATE THE ESTIMATED DATE ON WHICH THE PLAN WILL BE DEVELOPED *(mo., day, & yr.)*

H. PREPARER INFORMATION

1. NAME	2. TELEPHONE NUMBER	3. DATE *(mo., day, & yr.)*
N. Thompson	(206) 442-2850	MAY 80

III. INVESTIGATIVE ACTIVITY NEEDED

A. IDENTIFY ADDITIONAL INFORMATION NEEDED TO ACHIEVE A FINAL DISPOSITION.

- WELL SAMPLING -
- CONTACT AND INSPECT ADJACENT PROPERTY

B. PROPOSED INVESTIGATIVE ACTIVITY *(Detailed Information)*

1. METHOD FOR OBTAINING NEEDED ADDITIONAL INFO.	2. SCHEDULED DATE OF ACTION *(mo, day, & yr)*	3. TO BE PERFORMED BY *(EPA, Contractor, State, etc.)*	4. ESTIMATED MANHOURS	5. REMARKS
a. TYPE OF SITE INSPECTION				
(1) preliminary field				
(2) well sampling				
(3)				
b. TYPE OF MONITORING				
(1) well				
(2)				
c. TYPE OF SAMPLING				
(1) grab				
(2)				

EPA Form T2070-4 (10-79)

Continue On Reverse

EPA

POTENTIAL HAZARDOUS WASTE SITE
FINAL STRATEGY DETERMINATION

REGION	SITE NUMBER
10	WA 1980

File this form in the regional Hazardous Waste Log File and submit a copy to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force *(EN-335)*; 401 M St., SW, Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME	B. STREET	
DRAPER TRACTOR PARTS, INC.	N. 8525 FREYA	
C. CITY	**D. STATE**	**E. ZIP CODE**
SPOKANE	WA	99207

II. FINAL DETERMINATION

Indicate the recommended action*(s)* and agency*(ies)* that should be involved by marking 'X' in the appropriate boxes.

RECOMMENDATION	MARK 'X'	ACTION AGENCY			
		EPA	STATE	LOCAL	PRIVATE
A. NO ACTION NEEDED					
B. REMEDIAL ACTION NEEDED, BUT NO RESOURCES AVAILABLE *(If yes, complete Section III.)*	X				
C. REMEDIAL ACTION *(If yes, complete Section IV.)*					
D. ENFORCEMENT ACTION *(If yes, specify in Part E whether the case will be primarily managed by the EPA or the State and what type of enforcement action is anticipated.)*					

E. RATIONALE FOR FINAL STRATEGY DETERMINATION

Ground is saturated with oil wastes - not impacting groundwater

F. IF A CASE DEVELOPMENT PLAN HAS BEEN PREPARED, SPECIFY THE DATE PREPARED *(mo., day, & yr.)*	G. IF AN ENFORCEMENT CASE HAS BEEN FILED, SPECIFY THE DATE FILED *(mo., day, & yr.)*

H. PREPARER INFORMATION

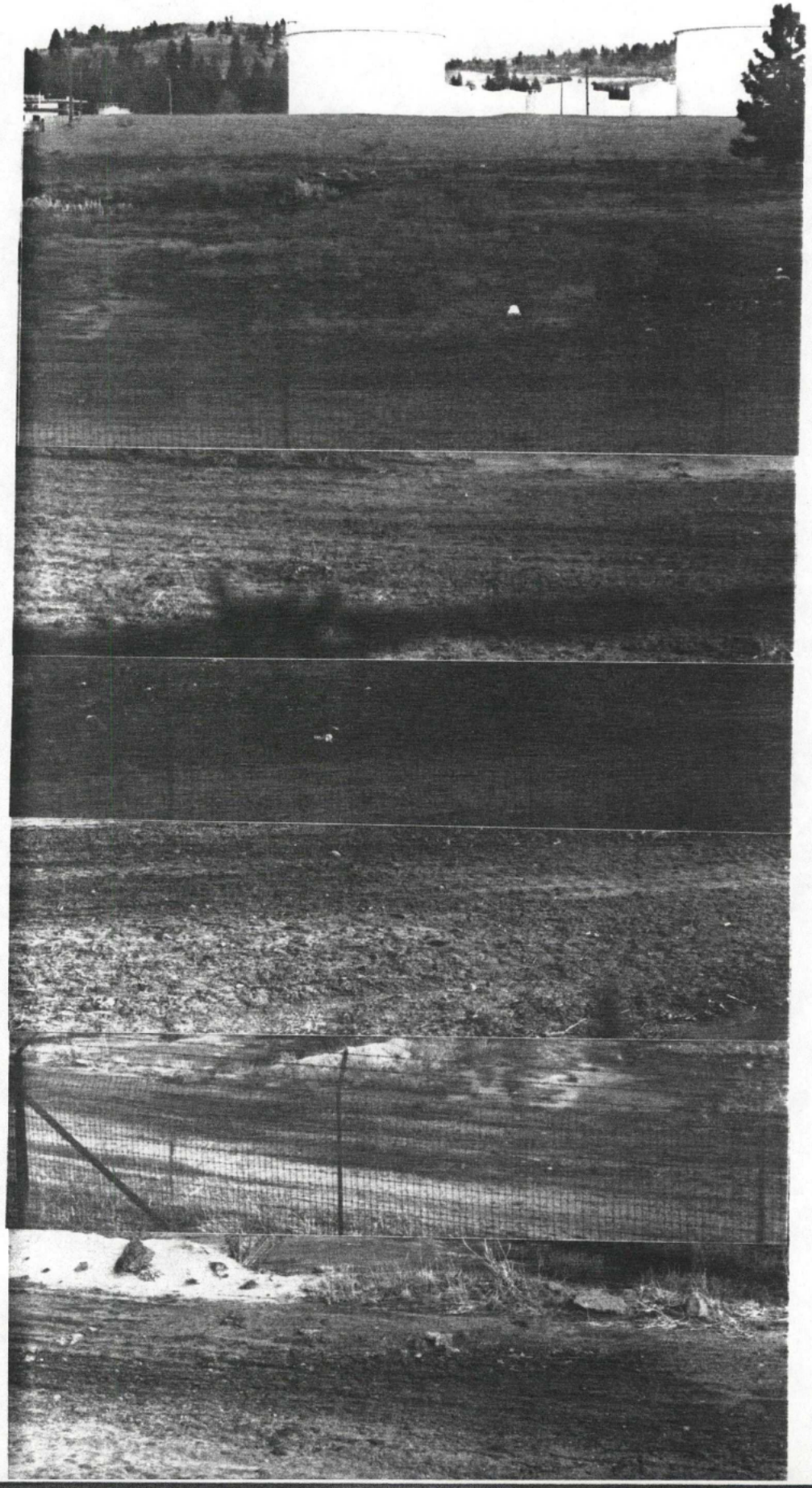
1. NAME	2. TELEPHONE NUMBER	3. DATE *(mo., day, & yr.)*
N. THOMPSON	(206) 442-2815	APR 1982

III. REMEDIAL ACTIONS TO BE TAKEN WHEN RESOURCES BECOME AVAILABLE

List all remedial actions, such as excavation, removal, etc. to be taken as soon as resources become available. See instructions for a list of Key Words for each of the actions to be used in the spaces below. Provide an estimate of the approximate cost of the remedy.

A. REMEDIAL ACTION	B. ESTIMATED COST	C. REMARKS
Remove/Contain contaminated soil	$ —	petroleum waste (oil)
	$	no remedial action money
	$	
	$	
	$	
	$	
	$	
	$	
D. TOTAL ESTIMATED COST	$	

Continue On Reverse



EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT

REGION	SITE NUMBER (to be assigned by Hq)
10	1930

GENERAL INSTRUCTIONS: Complete Sections I and III through XV of this form as completely as possible. Then use the information on this form to develop a Tentative Disposition (*Section II*). File this form in its entirety in the regional Hazardous Waste Log File. Be sure to include all appropriate Supplemental Reports in the file. Submit a copy of the forms to: U.S. Environmental Protection Agency; Site Tracking System; Hazardous Waste Enforcement Task Force (*EN-335*), 401 M St., SW; Washington, DC 20460.

I. SITE IDENTIFICATION

A. SITE NAME: Draper Tractor Parts, Inc

B. STREET (or other identifier): N. 8525 Freya

C. CITY: Spokane

D. STATE: WA

E. ZIP CODE: 99207

F. COUNTY NAME: Spokane

G. SITE OPERATOR INFORMATION

1. NAME: Draper Tractor Parts, Inc

2. TELEPHONE NUMBER: (509) 467-0695

3. STREET: N. 8525 Freya

4. CITY: Spokane

5. STATE: WA

6. ZIP CODE: 99207

H. REALTY OWNER INFORMATION (if different from operator of site)

1. NAME:

2. TELEPHONE NUMBER:

3. CITY:

4. STATE:

5. ZIP CODE:

I. SITE DESCRIPTION: Old settling ponds for small refin.

J. TYPE OF OWNERSHIP

☐ 1. FEDERAL ☐ 2. STATE ☐ 3. COUNTY ☐ 4. MUNICIPAL ☒ 5. PRIVATE

II. TENTATIVE DISPOSITION (complete this section last)

A. ESTIMATE DATE OF TENTATIVE DISPOSITION (mo., day, & yr.):

B. APPARENT SERIOUSNESS OF PROBLEM

☐ 1. HIGH ☐ 2. MEDIUM ☐ 3. LOW ☐ 4. NONE

C. PREPARER INFORMATION

1. NAME: Jim Hileman

2. TELEPHONE NUMBER: (206) 442-1193

3. DATE (mo., day, & yr.): 3/11/80

III. INSPECTION INFORMATION

A. PRINCIPAL INSPECTOR INFORMATION

1. NAME: Jim Hileman

2. TITLE: Sanitary Engineer

3. ORGANIZATION: U.S. EPA

4. TELEPHONE NO. (area code & no.): (206) 442-1193

B. INSPECTION PARTICIPANTS

1. NAME	2. ORGANIZATION	3. TELEPHONE NO.
Jim Hileman	EPA	(206) 442-1193
Jim Malm	DOE	(509) 456-2926

C. SITE REPRESENTATIVES INTERVIEWED (corporate officials, workers, residents)

1. NAME	2. TITLE & TELEPHONE NO.	3. ADDRESS
Dale Draper	President (509) 467-0695	N. 8525 FREYA Spokane, WA. 99207

Continued From Front

III. INSPECTION INFORMATION *(continued)*

D. GENERATOR INFORMATION *(sources of waste)*

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE GENERATED
NA			

E. TRANSPORTER/HAULER INFORMATION

1. NAME	2. TELEPHONE NO.	3. ADDRESS	4. WASTE TYPE TRANSPORTED
NA			

F. IF WASTE IS PROCESSED ON SITE AND ALSO SHIPPED TO OTHER SITES, IDENTIFY OFF-SITE FACILITIES USED FOR DISPOSAL.

1. NAME	2. TELEPHONE NO.	3. ADDRESS
NA		

G. DATE OF INSPECTION *(mo., day, & yr.)*	H. TIME OF INSPECTION	I. ACCESS GAINED BY: *(credentials must be shown in all cases)*
3/11/80	1:035pm	[X] 1. PERMISSION [ ] 2. WARRANT

J. WEATHER *(describe)*

Overcast

IV. SAMPLING INFORMATION

A. Mark 'X' for the types of samples taken and indicate where they have been sent e.g., regional lab, other EPA lab, contractor, etc. and estimate when the results will be available.

1. SAMPLE TYPE	2. SAMPLE TAKEN *(mark 'X')*	3. SAMPLE SENT TO:	4. DATE RESULTS AVAILABLE
a. GROUNDWATER			
b. SURFACE WATER			
c. WASTE			
d. AIR			
e. RUNOFF			
f. SPILL			
g. SOIL			
h. VEGETATION			
i. OTHER *(specify)*			

B. FIELD MEASUREMENTS TAKEN *(e.g., radioactivity, explosivity, PH, etc.)*

1. TYPE	2. LOCATION OF MEASUREMENTS	3. RESULTS

Continue On Page 3

Continued From Page 2

IV. SAMPLING INFORMATION *(continued)*

C. PHOTOS

1. TYPE OF PHOTOS

[X] a. GROUND [ ] b. AERIAL

2. PHOTOS IN CUSTODY OF: Hileman

D. SITE MAPPED?

[X] YES. SPECIFY LOCATION OF MAPS: with Report

E. COORDINATES

1. LATITUDE *(deg.-min.-sec.)*

2. LONGITUDE *(deg.-min.-sec.)*

V. SITE INFORMATION

A. SITE STATUS

[ ] 1. ACTIVE *(Those inductrial or municipal sites which are being used for waste treatment, storage, or disposal on a continuing basis, even if infrequently.)*

[X] 2. INACTIVE *(Those sites which no longer receive wastes.)*

[ ] 3. OTHER *(specify)*: _____ *(Those sites that include such incidents like "midnight dumping" where no regular or continuing use of the site for waste disposal has occurred.)*

B. IS GENERATOR ON SITE?

[X] 1. NO [ ] 2. YES *(specify generator's four-digit SIC Code)*: _____

C. AREA OF SITE *(in acres)*

15

D. ARE THERE BUILDINGS ON THE SITE?

[ ] 1. NO [X] 2. YES *(specify)*:

VI. CHARACTERIZATION OF SITE ACTIVITY

Indicate the major site activity*(ies)* and details relating to each activity by marking 'X' in the appropriate boxes.

'X'	A. TRANSPORTER	'X'	B. STORER	'X'	C. TREATER	'X'	D. DISPOSER
	1. RAIL		1. PILE		1. FILTRATION		1. LANDFILL
	2. SHIP		2. SURFACE IMPOUNDMENT		2. INCINERATION		2. LANDFARM
	3. BARGE		3. DRUMS		3. VOLUME REDUCTION		3. OPEN DUMP
	4. TRUCK		4. TANK, ABOVE GROUND		4. RECYCLING/RECOVERY		4. SURFACE IMPOUNDMENT
	5. PIPELINE		5. TANK, BELOW GROUND		5. CHEM./PHYS./TREATMENT		5. MIDNIGHT DUMPING
	6. OTHER *(specify)*:		6. OTHER *(specify)*:		6. BIOLOGICAL TREATMENT		6. INCINERATION
					7. WASTE OIL REPROCESSING		7. UNDERGROUND INJECTION
					8. SOLVENT RECOVERY		8. OTHER *(specify)*:
					9. OTHER *(specify)*:		

E. SUPPLEMENTAL REPORTS: If the site falls within any of the categories listed below, Supplemental Reports must be completed. Indicate which Supplemental Reports you have filled out and attached to this for..

[ ] 1. STORAGE [ ] 2. INCINERATION [ ] 3. LANDFILL [ ] 4. SURFACE IMPOUNDMENT [ ] 5. DEEP WELL

[ ] 6. CHEM/BIO/PHYS TREATMENT [ ] 7. LANDFARM [ ] 8. OPEN DUMP [ ] 9. TRANSPORTER [ ] 10. RECYCLOR/RECLAIMER

VII. WASTE RELATED INFORMATION

A. WASTE TYPE

[ ] 1. LIQUID [X] 2. SOLID [X] 3. SLUDGE [ ] 4. GAS

B. WASTE CHARACTERISTICS

[ ] 1. CORROSIVE [ ] 2. IGNITABLE [ ] 3. RADIOACTIVE [ ] 4. HIGHLY VOLATILE

[ ] 5. TOXIC [ ] 6. REACTIVE [ ] 7. INERT [X] 8. FLAMMABLE ?

[ ] 9. OTHER *(specify)*:

C. WASTE CATEGORIES

1. Are records of wastes available? Specify items such as manifests, inventories, etc. below.

No records available.

Continue On Reverse

Continued From Front

WASTE RELATED INFORMATION *(continued)*

2. Estimate the amount *(specify unit of measure)* of waste by category; mark 'X' to indicate which wastes are present.

a. SLUDGE	b. OIL	c. SOLVENTS	d. CHEMICALS	e. SOLIDS	f. OTHER
AMOUNT	AMOUNT Not Known	AMOUNT	AMOUNT	AMOUNT	AMOUNT
UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE	UNIT OF MEASURE
'X' (1) PAINT, PIGMENTS	'X' X (1) OILY WASTES	'X' (1) HALOGENATED SOLVENTS	'X' (1) ACIDS	'X' (1) FLYASH	'X' (1) LABORATORY, PHARMACEUT.
(2) METALS SLUDGES	(2) OTHER *(specify)*:	(2) NON-HALOGNTD. SOLVENTS	(2) PICKLING LIQUORS	(2) ASBESTOS	(2) HOSPITAL
(3) POTW		(3) OTHER *(specify)*:	(3) CAUSTICS	(3) MILLING/MINE TAILINGS	(3) RADIOACTIVE
(4) ALUMINUM SLUDGE			(4) PESTICIDES	(4) FERROUS SMELTING WASTES	(4) MUNICIPAL
(5) OTHER *(specify)*:			(5) DYES/INKS	(5) NON-FERROUS SMLTG. WASTES	(5) OTHER *(specify)*:
			(6) CYANIDE	(6) OTHER *(specify)*:	
			(7) PHENOLS		
			(8) HALOGENS		
			(9) PCB		
			(10) METALS		
			(11) OTHER *(specify)*:		

D. LIST SUBSTANCES OF GREATEST CONCERN WHICH ARE ON THE SITE *(place in descending order of hazard)*

1. SUBSTANCE	2. FORM *(mark 'X')*			3. TOXICITY *(mark 'X')*				4. CAS NUMBER	5. AMOUNT	6. UNIT
	a. SOLID	b. LIQ.	c. VAPOR	a. HIGH	b. MED.	c. LOW	d. NONE			
Oil (type not known)										

VIII. HAZARD DESCRIPTION

FIELD EVALUATION HAZARD DESCRIPTION: Place an 'X' in the box to indicate that the listed hazard exists. Describe the hazard in the space provided.

☐ A. HUMAN HEALTH HAZARDS

 Continue On Page 5

Continued From Page 4

VIII. HAZARD DESCRIPTION (continued)

☐ B. NON-WORKER INJURY/EXPOSURE

☐ C. WORKER INJURY/EXPOSURE

☒ D. CONTAMINATION OF WATER SUPPLY

Oil waste is over the Spokane aquifer which is used as a water supply! This is a potential threat to aquifer.

☐ E. CONTAMINATION OF FOOD CHAIN

☒ F. CONTAMINATION OF GROUND WATER

wastes is over the spokane aquifer -

Some indication that oil reached a ground layer 150' deep. Generally the oily ground is only 30' deep on this site

☐ G. CONTAMINATION OF SURFACE WATER

Continue On Reverse

Continued From Front

VIII. HAZARD DESCRIPTION *(continued)*

☐ H. DAMAGE TO FLORA/FAUNA

☐ I. FISH KILL

☐ J. CONTAMINATION OF AIR

☐ K. NOTICEABLE ODORS

☒ L. CONTAMINATION OF SOIL

Soil is saturated with oil about 20 to 30 feet deep.

☒ M. PROPERTY DAMAGE

Continue On Page 7

VIII. HAZARD DESCRIPTION *(continued)*

☐ T. MIDNIGHT DUMPING

☐ U. OTHER *(specify)*:

IX. POPULATION DIRECTLY AFFECTED BY SITE

A. LOCATION OF POPULATION	B. APPROX. NO. OF PEOPLE AFFECTED	C. APPROX. NO. OF PEOPLE AFFECTED WITHIN UNIT AREA	D. APPROX. NO. OF BUILDINGS AFFECTED	E. DISTANCE TO SITE *(specify units)*
1. IN RESIDENTIAL AREAS				
2. IN COMMERCIAL OR INDUSTRIAL AREAS X			① Drapers	300 feet
3. IN PUBLICLY TRAVELLED AREAS				
4. PUBLIC USE AREAS *(parks, schools, etc.)*				

X. WATER AND HYDROLOGICAL DATA

A. DEPTH TO GROUNDWATER *(specify unit)*	B. DIRECTION OF FLOW	C. GROUNDWATER USE IN VICINITY
180 feet	South	
D. POTENTIAL YIELD OF AQUIFER	**E. DISTANCE TO DRINKING WATER SUPPLY** *(specify unit of measure)*	**F. DIRECTION TO DRINKING WATER SUPPLY**

G. TYPE OF DRINKING WATER SUPPLY

☒ 1. NON-COMMUNITY < 15 CONNECTIONS* ☐ 2. COMMUNITY *(specify town)*: > 15 CONNECTIONS

☐ 3. SURFACE WATER ☒ 4. WELL

Continue On Page 9

Continued From Page 8

X. WATER AND HYDROLOGICAL DATA *(continued)*

H. LIST ALL DRINKING WATER WELLS WITHIN A 1/4 MILE RADIUS OF SITE

1. WELL	2. DEPTH *(specify unit)*	3. LOCATION *(proximity to population/buildings)*	4. NON-COMMUNITY *(mark 'X')*	5. COMMUNITY *(mark 'X')*
1	180'	ON Draper Land	X	

I. RECEIVING WATER

1. NAME

☐ 2. SEWERS ☐ 3. STREAMS/RIVERS

☐ 4. LAKES/RESERVOIRS ☐ 5. OTHER *(specify)*:

6. SPECIFY USE AND CLASSIFICATION OF RECEIVING WATERS

XI. SOIL AND VEGITATION DATA

LOCATION OF SITE IS IN:

☐ A. KNOWN FAULT ZONE ☐ B. KARST ZONE ☐ C. 100 YEAR FLOOD PLAIN ☐ D. WETLAND

☐ E. A REGULATED FLOODWAY ☐ F. CRITICAL HABITAT ☒ G. RECHARGE ZONE OR SOLE SOURCE AQUIFER

XII. TYPE OF GEOLOGICAL MATERIAL OBSERVED

Mark 'X' to indicate the type(s) of geological material observed and specify where necessary, the component parts.

'X'	A. OVERBURDEN	'X'	B. BEDROCK *(specify below)*	'X'	C. OTHER *(specify below)*
X	1. SAND	X			
	2. CLAY				
X	3. GRAVEL	X			

XIII. SOIL PERMEABILITY

☐ A. UNKNOWN ☐ B. VERY HIGH *(100,000 to 1000 cm/sec.)* ☐ C. HIGH *(1000 to 10 cm/sec.)*

☐ D. MODERATE *(10 to .1 cm/sec.)* ☐ E. LOW *(.1 to .001 cm/sec.)* ☐ F. VERY LOW *(.001 to .00001 cm/sec.)*

G. RECHARGE AREA

☒ 1. YES ☐ 2. NO 3. COMMENTS:

H. DISCHARGE AREA

☐ 1. YES ☒ 2. NO 3. COMMENTS:

I. SLOPE

1. ESTIMATE % OF SLOPE: 3 %

2. SPECIFY DIRECTION OF SLOPE, CONDITION OF SLOPE, ETC.: North

J. OTHER GEOLOGICAL DATA

 Continue On Reverse

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

DATE: May 19, 1980

SUBJECT: Potential Hazardous Waste Site Inspection
Draper Tractor; Spokane, Washington

FROM: James Hileman
Sanitary Engineer

TO: John Barich, Manager
Uncontrolled Hazardous Waste Site Project

THRU: Ben Eusebio, Chief
Surveillance Branch

On March 11, 1980, a preliminary hazardous waste inspection was performed at Draper Tractor Parts Inc. located at Spokane, Washington.

Participants

Mr. James Hileman	EPA, Seattle
Mr. Jim Malm	DOE, Washington
Mr. Dale Draper	Draper Tractor

The inspection began approximately 1335 with discussion of inspection purpose and plant operations as related to waste generation and disposal practices.

Comments

The Draper Tractor Company is a commercial outlet for equipment and machine parts. The company is not a processer, nor a creater of hazardous waste. The land surrounding the company's buildings, was, at one time, used for dumping oil refinery wastes. Draper Tractor Co. uses this land for storing machinery.

In the past, at least one and possibly two small oil refineries were operating in the area. Waste oil and oil sludge were disposed of by discharging the material into the area now occupied by Draper Tractor and the land directly south of the company's fence. According to Mr. Draper, the name of the oil refinery was Headlight Oil Company. According to Mr. Draper, the oil refinery responsible for creating the oil waste ponds went out of business sometime in the 1940's.

Mr. Draper has partially corrected the problem on his land by hauling 1,000 cubic yards of the oily wastes to the Spokane County Landfill. The remaining waste is being treated by spreading and flowing the waste to allow a natural breakdown. This is the same treatment used by some oil refineries in their land farm operations. The land on the Draper Tractor site has been greatly

improved from its original state, but is still several years off from being completely usable.

A 180 foot well was drilled at this site for drinking water. So far the well has not been affected by the oil waste. According to Mr. Draper, heavy oil contamination was found from the ground surface to a depth of about 30 feet. Below 30 feet the soil was free of contamination until 150 foot level was reached during the well drilling operation. At the 150 foot level the soil has an oily smell. The soil was free of oil at the final well depth of 180 feet. Draper's well has not been tested.

Just south of Draper Tractor several remaining ponds of oil waste are evident. These ponds are on property belonging to the Tosco Corporation.

The oily waste ponds are situated in a natural drainage area that drains north to Mead.

Photos were taken.

Recommendation

The problems that exist at this site demand some type of action. I've listed some of the possible alternatives below.

1) Haul the material to a land disposal site. Draper Tractor did this with the result of moving the problem from his land to the Spokane County Landfill.

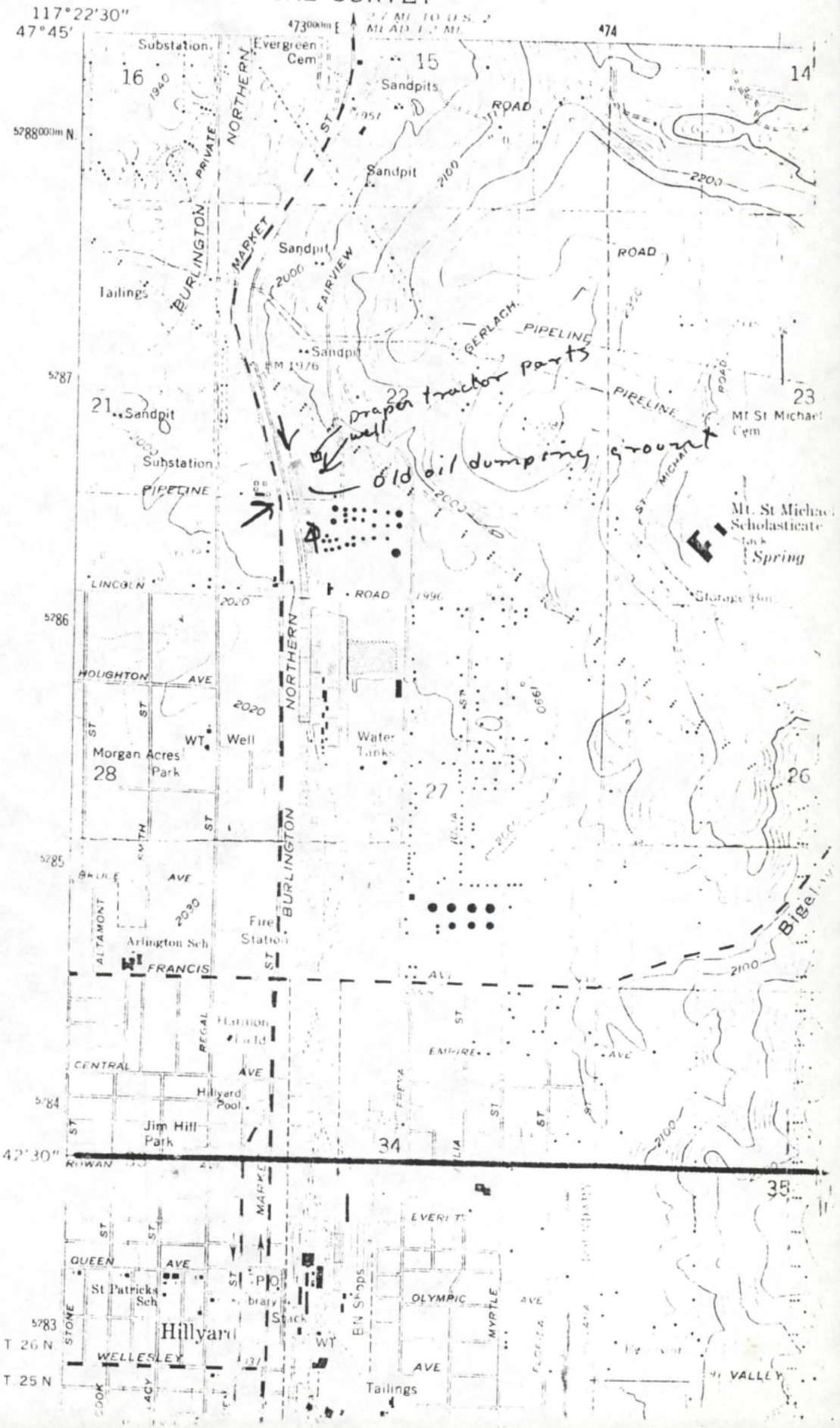
2) Leave the material where it is and monitor nearby wells for contamination. The problem with this solution is that if ground water contamination did occur it might not be possible to correct it.

3) The well at Draper Tractor Company would be tested for oil contamination.

4) The oil waste ponds, located on Tosco Corporation land, should be added to the uncontrolled hazardous waste site list.

(DEER PARK 1:62 500) 2579 IV

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



Draper Tractor -

A small refinery used part of the land for settling oil waste.

Current owner hauled ~ 1,000 yds to culvert land fill
(Spokane County Landfill)

Current owner drilled a 180' well. Oil contamination was observed at 150 feet - Heavy cont - ~~00~~ 0 to 30 feet.

Oil waste from site, at one time, drained north from site almost to Wheat -

Refinery closed down in 1940's

Photos 1 - 8 site ~ 15 acres.
Oil flow north in ditch & collected in ponds.
Soil type is sand & gravel.
Name of oil refinery is Headlight Oil Co.
Well is directly south of Co. Build -
Well not tested yet.

References to: Draper Tractor Parts Inc

Name: Dale Draper Phone: (509) 467-0695
Title: President
Organization/Agency/Company: Draper Tractors

Name: Phone:
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SAIC JRB Associates
A Division of Science Applications International Corporation

CONTACT REPORT

Project Number: 136-XX

Contact: Jim Malm/Flora Goldstein

Date: 5/14 Time:

Company: WDOE - Eastern

Phone: (206)

☐ Made Call
☐ Received Call
☒ Meeting

Discussion: Re Draper Tractor

This site is just north of the Tosco tank farm + east of Market St. There is a petroleum problem in the groundwater in this area, but it does not appear to be from Draper tractor. He appears to only own this land, rents + sells farm equipment off it.

Right in this area + just to the south + west of him was an old refinery. There was old tar-like material excavated in the ditch along Market St during the time electricity lines were being put in just north of Draper at a warehouse (owned by Mr. Schmidt). Mr. Schmidt's well is contaminated.

This file should be read with Midget Oil (WAD980664825) and TOSCO (WAD000641548).

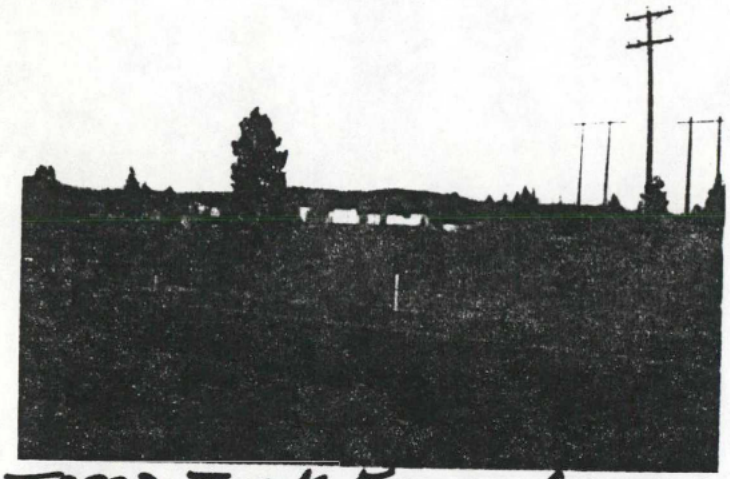
There is no specific WDOE file to this site, but there is a WDOE file known as the N. Market St file which covers this, Midget Oil, TOSCO

Distribution:

Prepared by: Barbara Morson

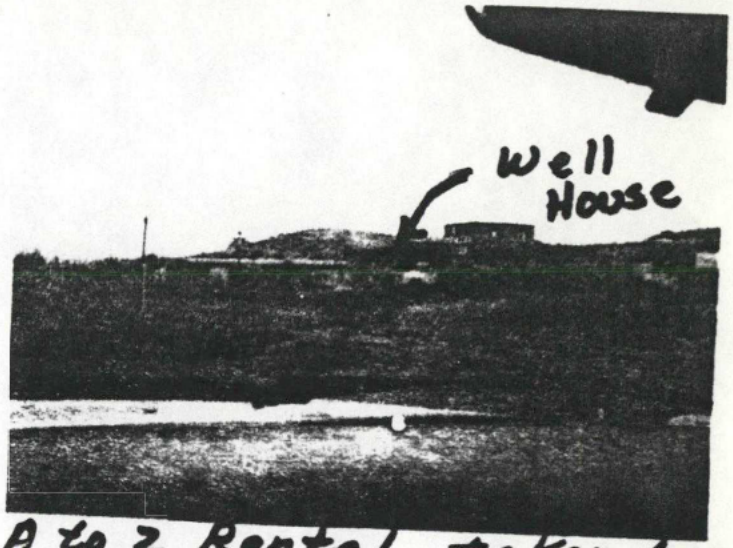
Seattle Office
Environmental Technology Group
(206) 747-7899

10-12-84 ~1130 JLM



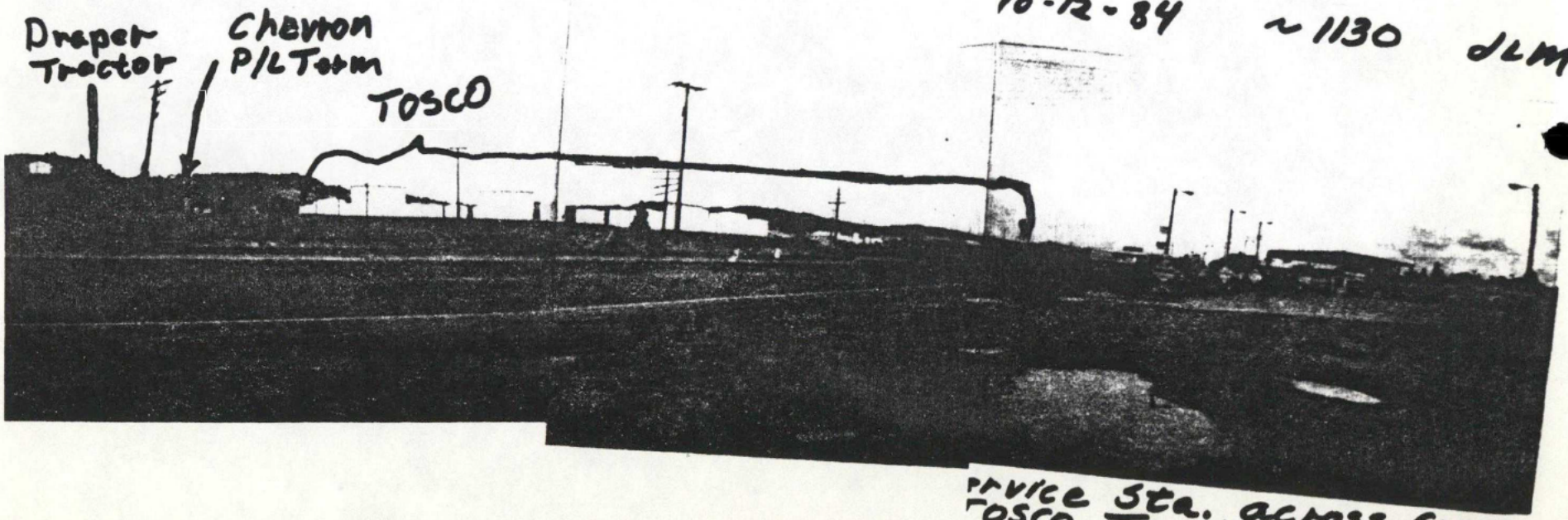
TOSCO Tank Farm from Bur. of Mines entrance

10-12-84 ~1130 JLM



A to Z Rental taken from Midget Oil

10-12-84 ~1130 JLM



10-12-84 ~1130 JLM

Service Sta. across from TOSCO Tank Farm