CEI

Magnum Salvage / Horizon Vehicles

Albany, Oregon

F10-8901-024

ROBRUM & PEASE

USEPA SF
1636782

January 31, 1989

1550 Karl Morgenstern attempted to contact Floyd Zumwalt (b) (6) [redacted] (b) (6) [redacted], the current owner of the Magnum Salvage site. (b) (6) [redacted] answered the phone and said Mr. Zumwalt wouldn't be home until late. (b) (6) [redacted] could help. I told (b) (6) [redacted] that EiE planned to inspect Mr. Zumwalt's property on Feb. 7, 1989 at 1:00pm. (b) (6) [redacted] took my name and phone # and told me (b) (6) [redacted] would pass the information on to Mr. Zumwalt. I told (b) (6) [redacted] that I would follow up this phone call with a letter. We said good-bye

February 3, 1989

1040 Karl Morgenstern contacted Floyd Zumwalt at (b) (6) [redacted] to make sure he knew of our visit on Feb. 7. He said (b) (6) [redacted] told him EiE would be visiting the Magnum Salvage site at 1:00pm on Feb. 7, 1989. Mr. Zumwalt said when we arrive we should talk to Casey, who is the most knowledgable about the site. Mr. Zumwalt said Casey was aware of our visit. I thanked him and said good-bye

[illegible] 2/3/89

February 3, 1989

1215 The E.E/FIT, consisting of Karl Morgenstern and Mark Aales, arrived in the vicinity of the Magnum Salvage site. The E.E/FIT drove around the area and noted nearby residents and creeks in the area.

1235 The E.E/FIT arrived at the Magnum Salvage site and met with Casey Sanford (Phone # (b) (6) [redacted]). Mr. Sanford said that Magnum Salvage began their operation as an auto salvage in July 1988. He stated that they do not receive transformers. Mr. Sanford stated that when they bought the property there were no transformers or transformer parts at the site. He said that he saw batteries, some with cracked casings, on wooden pallets about 100' west of the building. He observed no oil stains prior to placing 6-8" of gravel fill over the site.

1255 The E.E/FIT and Casey Sanford walked around the facility. Currently 6-8" of gravel covers the majority of the site. Wrecked cars cover 3/4 of the site. Mr. Sanford indicated that prior to July 1988 there was no

[illegible] 2/17/89

fence around the site. He is in the process of fencing the facility. The fence along the north side has been completed. There is a fence and gate along the east side and a dilapidated (sp) wooden fence along the south side of the site. No fence exists along the west side of the site.

A ditch runs parallel to the south side of the site. One portion of the south side has erosion channels or runoff routes from the site to the ditch. Due to the 6-8" of fill no stains could be observed. The western 1/4 of the site has tall grass with chunks of buried cement and other debris. Due to the snow on the ground this area could not be adequately described.

Mr. Sanford has no information on the previous owner. The RV park northwest of the site, which installed a 138' well, went bankrupt according to Mr. Sanford. The Magnum Salvage do not have any water source at the present time. He said that they were going to try and obtain city water. Mr. Sanford indicated that the majority of the people

in the area are on wells. I told Mr. Sanford that I would be in touch with either him or Mr. Zumwalt as soon as E&E and EPA reach a decision on what action to pursue regarding Magnum Salvage. I thanked and we departed from the site.

1315 The E&E/FIT drove around to nearby residents to write down names and addresses.

→ North of the site:

- (b) (6) [redacted]
- (b) (6) [redacted]

- Top Shop Canvas
  Phone # (503) 926-6371

→ South of site:

- Meyers Truck & Auto Repair
  1130 Goldfish Farm Rd
- (BKG well) A&R Auto Body & Paint
  1261 Goldfish Farm Rd.

→ West of site:

- Steve's Muffler Center
  1258 Commercial Rd.

2/17/88

- Supra Corp.
  1131-1135 Commercial Rd.
- Don's RV Center
  1119 Commercial Rd.
- Welding Unlimited
  3909 Commercial Rd.
- Commercial Way Auto Glass / Salvage
  3951 Commercial Rd.
  (503) 926-0411
- Superior Beef Products
  Phone # (503) 926-3462
- MacDonald Industrial & Farm Supply
  4025 Commercial Rd.
- Coupling Industrial Hose Supply
  1121 Commercial Rd.

The facilities located west of the site are downgradient of the site, but it is unknown whether these are on city water or wells.

The ditch located along the south side of the site flows west into the commercial area.

Photographs were taken on-site. These photos are as follows:

#1 Looking west, overview of the salvage yard.

#2 Looking east, looking at building.

#3 Looking east, at building.

#4 Looking South at ditch along south side of property.

[illegible] 2/96

February 9, 1989

1440 Karl Morgenstern and Mark Acker stopped by the Army Corps of Engineers in Portland, Oregon. The EIS/EIT talked to Jeff Hepler, hydrology, to obtain information on average annual discharge of the Willamette River at Albany. Mr. Hepler indicated that the Willamette River at Albany is 14,470 cfs. I thanked him and we said good-bye.

Karl Morgenstern 2/9/89

February 28, 1989

1510 Karl Morgenstern contacted Charlie Corrarino, Oregon Fish and Wildlife, (503/229-5331). I asked Mr. Corrarino for estimated fish populations and catches from the Willamette River at Albany and 15 miles downriver from Albany. He said he would send me a document that ~~covers from~~ covers fish catches from 1976-1986. He said he is still looking over the 1987-1988 numbers and they will be available in a couple months. He also said I could call Joe Weatherby, District Biologist, (503/378-6925) for detail questions. I thanked him and we said good-bye.

Karl Morgenstern

March 27, 1989

1430 Karl Morgenstern contacted Floyd Zymwalt to set up a sampling visit date. I told Mr. Zumwalt that the EIE/FIT planned on being at the site April 13TH and it should only take a day for the field work. He said that would be fine and he would see me then. We said good-bye.

Karl Morgenstern 3/27/89

April 13, 1989

0830 The EIE/FIT, consisting of Karl Morgenstern and Mark Acker, arrived at Magnum Salvage and meet with Casey Sandford, facility manager.

0840 The EIE/FIT set up decon station in back of facility and began laying-out the two sample grids. Sample grid "SG1" is located west of the building and consists of 16 25'x25' grids. Sample grid "SG2" is located approximately 120' west of the building along the northern fence line and consists of 20 25'x25' grids.

Karl Morgenstern 4/13/89

0910 The E&E/FIT decontaminated the two pick-axes prior to usage. The E&E/FIT will begin sampling grid "SG2". Karl Morgenstern will pick to 8" or below the gravel fill layer then Mark Ader will follow to collect the sample using a stainless steel spoon. The pick axes will be decontaminated between sample points.

On-Site Soil Samples

0930 Sampled SG2-A1
Depth: 8"
Sampler: Mark Ader
Containers: 1-4oz. jar,
Sent to FASP
Description: Soil under fill layer is a grayish clayey material.

0940 Collected sample at SG2-A2
Depth: 8"
Sampler: Mark Ader
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP and CLP
Sample # JD416 & MJE131
EPA # 8915-436
Description: Grayish clayey material

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0950 Collected sample at SG2-A3
Depth: 8"
Sampler: Mark Adler
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP and CLP
Sample #: JD417 & MJE132
ESA # 8915-4397 (Matrix Spike)
Description: Grayish clayey material

1000 Collected sample at SG2-A4
Depth: 8"
Sampler: Mark Adler
Containers: 1-4oz jar
Sent to FASP
Description: Grayish clay

1005 Collected sample at SG2-A5
Depth: 8"
Sampler: Mark Adler
Containers: 1-4oz jar
Sent to FASP
Description: Grayish clay

1010 Collected sample at SG2-B1
Depth: 6"
Sampler: Mark Adler
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

Mark Adler 4/13/85

1015 Collected sample at SG2-B2
Depth: 7"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1025 Collected sample at SG2-B3
Depth: 6"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Grayish clay

1035 Collected sample at SG2-B4
Depth: 8"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Grayish clay

1040 Collected sample at SG2-B5
Depth: 7"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

[signature] 4/13/89

1045 Collected sample at SG2-C1
Depth: 6"
Sampler: Mark Baker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1050 Collected sample at SG2-C2
Depth: 8"
Sampler: Mark Baker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1055 Collected sample at SG2-C3
Depth: 7"
Sampler: Mark Baker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1100 Collected sample at SG2-C4
Depth: 6"
Sampler: Mark Baker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil with oily substance

[signature] 4/13/89

1105 Collected sample at SG2-C5
Depth: 8"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1100 Collected sample at SG2-D1
Depth: 8"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1115 Collected sample at SG2-D2
Depth: 7"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1120 Collected sample at SG2-D3
Depth: 6"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

[signature] 4/13/89

1125 Collected sample at SG2-D4
Depth: 8"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1130 Collected sample at SG2-D5
Depth: 6"
Sampler: Mark Acker
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1140 ESE/FIT broke for lunch

1250 ESE/FIT returned from lunch and finished decontamination of pick-axes. The pick-axes will be properly decontaminated between sample points. The ESE/FIT began to sample grid "SG1". Mark Acker will use the pick axes to dig below the fill layer while Karl Morgenstern follows to collect samples using stainless spoons.

[signature] 4/13/89

1300 Collected sample at SG1-A1
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil with rust discolorization.

1305 Collected sample at SG1-A2
Depth: 5"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1310 Collected sample at SG1-A3
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil with oily substance and discolored.

1320 Collected sample at SG1-A4
Depth: 4"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil with rust discolorization.

[signature] 9/13/89

1340 collected sample at SG1-B1
Depth: 7"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark brown soil

1345 Collected sample at SG1-B2
Depth: 6"
Sampler: Karl Morgenstern
Containers: [redacted] 1-4oz jar
Sent to FASP
Description: Brown soil

1350 Collected sample at SG1-B3
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP & CLP
Description: Dark brown soil
with rust discoloration
Sample#s: JD418 & MJE 133 EPA#8915-4398

1400 Collected duplicated sample from SG1-B3
SG1-B3D
Depth: 6" (Duplicate of SG1-B3)
Sampler: Karl Morgenstern
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP and CLP
Description: Dark brown soil with
rust discoloration.
Sample#s: JD 419 and MJE 134
EPA#8915-4399

4/13/89

1410 Collected sample at SG1-B3R
B3R is a replica sample taken
from a location 1' north of B3.
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP and CLP
Description: Dark soil with
rust discolorization.
Sample#s: JD420 and MJE 135, EPA#8915-4400

1425 Collected sample at SG1-B4
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP and CLP
Description: Dark soil with
oily substance and discolored.
Sample#s: JD421 & MJE136, EPA#8915-4401

1430 Collected sample at SG1-C1
Depth: 7"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark brown soil

1432 Collected sample at SG1-C2
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark brown soil with
discolorization [illegible]

1435 Collected sample at SGI-C3
Depth: 5"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil with oily material

1440 Collected sample at SGI-C4
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar, 2-8oz jars
Sent to FASP and CLP
Description: Dark soil with oily material.
Sample#s: JD838; MJ463, EPA#8915-4402

1450 Collected sample at SGI-D1
Depth: 7"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark brown soil

1455 Collected sample at SGI-D2
Depth: 6"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

Karl Morgenstern 4/13/89

1500 Collected sample at SG1-D3
Depth: 7"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

1510 Collected sample at SG1-D9
Depth: 8"
Sampler: Karl Morgenstern
Containers: 1-4oz jar
Sent to FASP
Description: Dark soil

<u>OFF-Site Soil/Sediment Samples</u>

The on-site sampling was completed. Prior to lunch Mark Acker and Karl Morgenstern collected sediment samples from a ditch running along the southern property line.

1200 Collected sediment at MS-1
Depth: 2"
Sampler: Mark Acker
Containers: 2-8oz jars
Sent to CLP
Description: Dark sediment with some organic material.
Sample #s: JD 839 and MJ 464
EPA # 8915-4403
Location: BKG. sediment south of on-site building and west of [illegible] house

[illegible] 4/12/89

1205 Collected sediment sample at MS-2
Depth: 2"
Sampler: Karl Morgenstern
Containers: 2-8oz jars
Sent to CLP
Description: Dark sediment with some rust discoloration, no organic matter
Location: At mouth of on-site runoff route.

1210 Collected sediment sample at MS-3
Depth: 2"
Sampler: Karl Morgenstern
Containers: 2-8oz jars
Sent to CLP
Description: Dark sediment with lots of organic matter
Location: 40' downstream of confluence with on-site runoff.

While Karl Morgenstern was collecting on-site sample SG-1-D3, Mark Acker went off-site to collect a background soil sample.

1500 Collected Background Soil sample
Depth: 4"
Sampler: Mark Acker
Containers: 2-8oz jars
Sent to CLP
Description: Dark brown soil
Location: East north of site

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Water Samples

Prior to Lunch Mark Aber and Karl Morgenstern prepared a Transport blank and rinsate blank.

1135 Prepared Transport Blank

Samplers: Karl Morgenstern / Mark Aber
Containers: 2-80oz jars / 1-1 liter poly
Sent to CLP
Sample #s: JD410 & MJE125
EPA #: 8915-4390
Procedure: Pour carbon free water into clean sample containers

1130 Prepared Rinsate Blank
Samplers: Karl Morgenstern / Mark Aber
Containers: 2-80oz jars / 1-1 liter poly
Sent to CLP
Sample #s: JD411 & MJE126
EPA #: 8915-4391
Procedure: Pour carbon free water over clean ~~Samples~~ KM stainless steel spoon and collect water in sample containers.

Karl Morgenstern
91 12 109

1545 Sampled (b) (6) [redacted] Domestic well

Depth of well: 20'

Samplers: Karl Morgenstern / Mark Aber

Containers: 6-80oz, 2-1 liter polys

Sent to CLP (matrix spike)

Sample #s: JD415 and MJE130

EPA #: 8915-4395

Purge: Well was purged for 20 minutes after field parameters stabilized

(Purge H_2O) →					(Sample H_2O)
pH	6.67	6.59	6.57	6.58	6.56	6.56
Cond.	167	140	142	133	134	133
Temp.	13.9°C	11.8°C	11.5°C	11.4°C	11.3°C	12.1°C

Address: (b) (6) [redacted]

Albany, Oregon 97321

1600 Sampled (b) (6) [redacted] Domestic well

Depth of well: 53'

Samplers: Karl Morgenstern / Mark Aber

Containers: 2-80oz, 1-1 liter poly

Sent to CLP

Sample #s: JD413, MJE128

EPA #: 8915-4393

Purge: Well was purged for 25 minutes and sampled after field parameters stabilized

Karl Morgenstern 4/13/88

(Purge H_2O) →					(Sample H_2O)
pH	7.62	7.52	7.55	7.54	7.55
Cond.	175	169	165	164	166
Temp.	15.0°C	11.1°C	14.1°C	14.5°C	14.2°C

Address: (b) (6) [redacted]
Albany, Oregon 97321

1620 Sampled (b) (6) [redacted] Domestic Well
Depth of Well: 80'
Samplers: Karl Morgenstern / Mark Acker
Containers: 2-8oz, 1-1 liter poly
Sent to CLP
Sample #s: JD414 & MJE129
EPA #: 8915-4394
Purge: Well was purged for 30 minutes and sampled after field parameters stabilized.

(Purge H_2O) →					(Sample H_2O)
pH	8.07	8.05	8.05	8.04	8.04
Cond.	117	129	113	113	111
Temp.	14.0°C	13.9°C	13.8°C	13.7°C	13.7°C

1635 Sampled (b) (6) [redacted] Domestic Well (BKG)
Depth of Well: Unknown
Samplers: Karl Morgenstern / Mark Acker
Containers: 2-8oz jugs, 1-1 liter poly
Sent to CLP
Sample #s: JD412 & MJE127
EPA #: 8915-4392
Purge: Well was purged for 15 minutes and sampled after field parameters stabilized

Karl Morgenstern 4/13/89

(Purge H_2O)					(Sample H_2O)
pH	7.43	7.34	7.33	7.27	7.31
Cond.	143	160	158	155	154
Temp.	14.7°C	14.6°C	13.7°C	13.9°C	13.5°C

Address: (b) (6) [redacted]
Albany, Oregon 97321

1700 E:E/FIT concluded field work for the Magnum SI and returned to the hotel.

[signature] 4/13/85

Debbie Flood requested o