



3628 S 35th Street
Tacoma, Washington 98409-3192

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TACOMA PUBLIC UTILITIES

Tacoma-Pierce County
Health Dept.

September 11, 2013

Sharon Bell
Environmental Health Programs
3629 South D Street
Tacoma, WA 98418-6813

Subject: 5811 Main Street SW
Lakewood, WA

Dear Sharon,

Please find the attached letter to file and supporting documentation regarding the mineral oil spill and subsequent cleanup that occurred at 5811 Main St. SW in Lakewood, Washington. This is also known as Lakewood Town Center, and was formally known as Lakewood Mall as well as Villa Plaza. While all required elements have been included in the report, this report has been authored in a little different style than normal. Since the site is listed with the State, it's unknown how this spill will be treated or considered by DOE. Since there is hard evidence of historical underground contamination at the site, it was very difficult to bring this report to any sort of finite conclusion. It has been approached as completely as possible, and it's fair to say that most of what was put there by our transformer has been removed, and down to MTCA levels in the soil.

At this point we are considering the site cleanup complete, but also we are open to discussion. If you have any questions regarding the spill or the report, please contact me at 253-502-8513.

Sincerely,

Samuel R. Rupert
Sr. Environmental Specialist
Tacoma Public Utilities

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Tacoma-Pierce County Health Dept.

Clean up Date: June 19, 2013

Subject: Spill and Subsequent Cleanup at 5811 Main St. SW, Lakewood, WA

REPORT SUMMARY

Tacoma Power Job Number: _____ Washington State ERTS # 641414

Tacoma Power LDM Number (third party accidents only): 10000079116

Spill Date: May 20, 2013

Device Type:	Three Phase Pole Type Power Bank	_____	Size:	_____	KVA
	Single Phase Pole Type Transformer	_____	Size:	_____	KVA
	Single Phase Pad mount Underground	_____	Size:	_____	KVA
	Three Phase Pad mount Underground	<u>X</u>	Size:	<u>1000</u>	KVA

Other _____

Tacoma Power Identification Number(s): 51817

Make and Serial Number(s): Westinghouse
Serial # 86JK776236

PCB Content: N/A ppm _____ ppm _____ ppm _____ ppm _____ ppm

Lab Report Authorization Number(s): N/A

Man. Certified: YES Manufacture Date: October 29, 1986

Estimated Spill Volume: 50 gallons Confirmed Spill Volume: 70 to 80 gallons

Approximate Latitude/Longitude of Spill Site: 47 deg 9 min 42.97 sec N
122 deg 30 min 57.43 sec W

Site Use:

Industrial/Commercial	<u>YES</u>
Single Family Residential	_____
Multi Family Residential	_____
Undeveloped Property	_____
Right of Way	_____

Field Testing with Dexsil Petroflag: YES X NO _____

Weather Conditions: Fair and dry during cleanup activities. Fair and dry at time of spill.

Site Observations: Large building shown in fly over photos is gone. Small building with white roof remains. Transformer was situated next to a second City transformer, and a large industrial size emergency generator unit.

Soil Type: Spanaway Sandy Gravelly Loam was listed in the soil survey. This was encountered along with a large amount of fill material such as concrete, and other debris.

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SPILL DESCRIPTION

At or around midday on May 20, 2013, a City of Tacoma owned transformer located at 5811 Main Street SW in Lakewood, Washington was severely damaged causing a release of mineral oil into the environment. The damage occurred when a contractor demolishing the old Gotschalks building attempted to retrieve the secondary service wires leading from the transformer to the building electrical service box. The secondary wires were connected to a backhoe for easy removal but the leads (wires) were still connected to the transformer. When force was applied by the backhoe, the secondary bushings on the transformer cracked and the seals immediately failed allowing a large amount of oil to leak out. Seventy (70+) gallons of mineral oil were believed to escape. An exact figure was not possible due to a weight discrepancy on the data plate. The transformer was heavier empty than the data plate stated as full weight. This was a manufacturer error, and will not affect the final disposition of this report.

DISCOVERY AND INTERIM ACTIONS

Oil from the transformer was released straight to the open ground. There were no open ditches or nearby storm drain catch basins that were directly affected.

Conditions had been clear and the ground was dry at the time of inspection. Contamination was easy to identify since most of the oil drained directly into the transformer conduit access port in the transformer pad. After the transformer was removed oil did spill on to the old pad and it was cleaned off. The ground on which the transformer had been installed was a rocky Spanaway type. There was also a considerable amount of inert fill material such as old pipe, concrete chunks and other loose construction debris present. The loose texture of this mixture had little if any holding capacity at all. Even with the volume of oil lost, and the soil conditions the decision was made to postpone the cleanup. The soil was such that when the oil hit the ground, pretty much the damage was done. The area was kept covered post release.

CLEAN UP ACTIONS and FIELD TESTING

On June 19, 2013 a Tacoma Public Utilities line crew was dispatched in order to conduct a cleanup of the spill. The old transformer pad was removed and recycled since this transformer was a removal only. Seven (7) dump trucks and three (3) vacuum trucks of material were removed. Total area excavated was 14'x15'x11.5' deep. The oil penetrated down to the ground water in that area which was approximately twelve (12') feet. This aspect of the cleanup will be further discussed later in this report.

The size and complexity of this cleanup necessitated the use of the Petro Flag field test kit. In all, five (5) samples were taken from areas known to be the most influenced by the spill. Results placed all five (5) samples within MTCA limits with 233 ppm, 49 ppm, 430 ppm, 120 ppm, and 191 ppm TPH in the mineral oil range.

CONFIRMATION ANALYTICAL

A total of five (5) confirmation samples were taken from the cleanup area where most of the contamination was known to exist (please see attached sampling diagram). These samples are the same samples that were used for field testing. Field testing and confirmation samples are one and the same. All samples were turned in to Spectra Laboratories following normal chain of custody procedures.

Of the five (5) samples collected, all five were found to be within MTCA cleanup standards for mineral oil. That said, the sample taken at the lowest point in the excavation (sample labeled as center) was taken after evacuating the hole of water by using the vacuum truck. The sample is more of a sludge, and doesn't fully reflect the actual concentration of oil in the sample. It is an indication of what is there. Also there was a suspicion that other fractions of oil were infiltrating

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the hole and surfacing on the ground water. Therefore Environmental Compliance Office personnel decided to thumbprint the samples to see what was present. Sampling results on authorization # 13-06-20-054 (attached) were adjusted to show residual TPH levels in the diesel, mineral oil, and heavy (motor) oil range to clarify the actual status of the excavation. Sample "North 3" showed all results at <10 diesel, <10 ppm mineral oil, and <100 ppm heavy oil. Sample "South 1" showed all results at <10 diesel, <10 ppm mineral oil, and <100 ppm heavy oil as well. Sample "East 2" indicated results at <10 diesel, 29 ppm mineral oil, and <100 ppm heavy oil. Sample "West 3" showed results at <10 diesel, 10.8 ppm mineral oil, and 204 ppm heavy oil. Sample "Center 2" showed results at 38.5 ppm diesel, <10 ppm mineral oil, and 335 ppm heavy oil.

What can be concluded from this is that there is other contamination in the ground in this area. While the source isn't abundantly clear, this office was made aware of several different possibilities including old heating oil tanks, as well as more wide spread contamination problems that are on the property at large. According to reliable sources, these problems have been known about for some time.

PCB CONSIDERATIONS

The transformer City # 51817 was manufactured by Westinghouse (serial # 86JK776236). The transformer was manufacturer certified less than one (<1) ppm PCB. It had a manufacture date of October 1986 which is almost ten years after the manufacturing of PCB was stopped in 1978. Mineral oil is the only component of concern in this case.

CONTAMINATED MATERIAL

Approximately 100.34 tons (200,680 lbs.) of mineral oil contaminated soil and debris was generated as a result of this cleanup. Three vacuum truck loads of contaminated material were taken to the PRS Group on the tide flats. Two vac-truck loads (1 Ton ea) of sludge were removed from the excavation and transported to PRS. This material will eventually be combined with like materials and be disposed at LRI in Puyallup. In addition, three hundred (300) gallons of water were removed from the excavation and transported into the PRS decant facility as well. This will be treated and discharged per PRS permit.

The largest portion of material was removed using a large trackhoe along with dump trucks for transport. Approximately 98.34 tons of oil contaminated soil and debris was excavated from the site at Lakewood and transported to the LRI facility in Puyallup. As mentioned previously, seven (7) dump trucks full of heavy, rocky soil were removed from the site.

SITE RESTORATION

The excavation was backfilled with regular fill (gravel) and restoration will be completed at a later time. It's not clear what the final outcome of this spill will be. However, new development is scheduled for the site fairly soon, so the cleanup footprint will be capped with pavement.

CONCLUSION

While MTCA standards were met on the samples collected from the excavation, it's questionable what the state of the ground water is.

The thumb print analyses done on the samples collected from the excavation show elevated levels of petroleum fractions other than mineral oil, but all are below MTCA cleanup standards. Most of the oil floating on the water in the excavation did not appear to be mineral oil which is typically clear, or very light in color. The oil on the groundwater tended to be dark in color suggesting a different source.

A Phase II Environmental Site Assessment was conducted by Herrera Environmental Consultants Inc. on this property in 2000/2001 for Perkins Coie, LLP and was reviewed as part of this cleanup. The Phase II site assessment did identify numerous points within the property boundary where contamination is known to exist. Since the Phase II concentrated on the use of this property from 1957 when Villa Plaza was in place to around 2000 when the assessment was performed, it is entirely possible that some influences that might have affected the property pre 1957 may have been omitted from the study (albeit not intentionally). Ponce de Leon creek flows down gradient from east to the west under Lakewood Town Center across the entire property, and is thought to be the prime influence behind the water that entered the excavation. Given this fact, it may be carrying contamination from up-gradient sources. The entire site has (or had) numerous septic systems that at one time or the other were influenced by a variety of chemicals to include naphthalene. This study seemed to be concentrating more on soil and ground water contamination from dry cleaners that were previously and presently located on the property. It would appear that not as much effort was put forth in looking for underground tanks that might be still on the property. Two service stations and a Firestone tire service center were at the site at about the same time. In addition, the possibility that a historical "central heating oil" tank put in place to serve World War II housing still exists on the property. The consultant did have knowledge of this tank, but failed to find it. The two service stations were out of business and demolished years ago. Rays Texaco did have records of tank removal, but no site assessment records exist. The Gull station and Firestone were done away with historically, presumably before UST regulations and cleanup standards existed. It is possible that tanks still exist on the property. Other confounding factors relating to the excavation groundwater include the emergency generator which sits in close proximity to the former transformer location, and a parking lot dry well type drain about twenty-five (25) feet away. Diesel (possibly spilled from a refuel of the emergency generator or from leaking underground storage tanks) was actually found in the soil that was analyzed. Soil in the northwest corner of the excavation (closest to the emergency generator) appeared grey in color indicating some sort of degraded gas or diesel hydrocarbons. Other heavy oils including something resembling used automotive oil was found with a possible source from the dry well storm drain or the former service stations. The oil seen entering the excavation did not resemble mineral oil and the analytical performed on the excavation would suggest that mineral oil had been removed from the soil to acceptable levels.

This report is meant to state the facts as they pertain to the spill. At this time the recovery of the mineral oil that was released into the soil has been completed.

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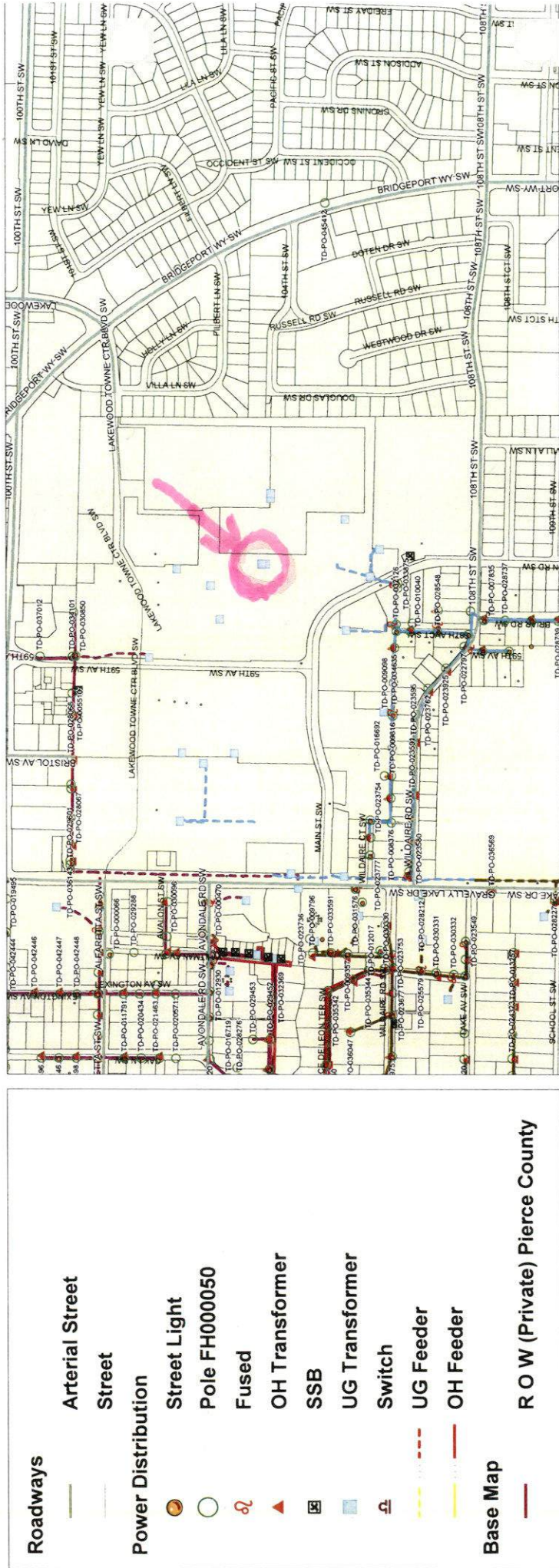
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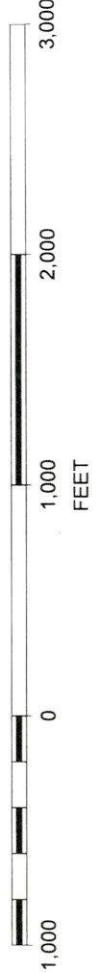
AREA MAPS AND GIS FLY OVER PHOTOGRAPH

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5811 Main Street SW - Transformer #51817



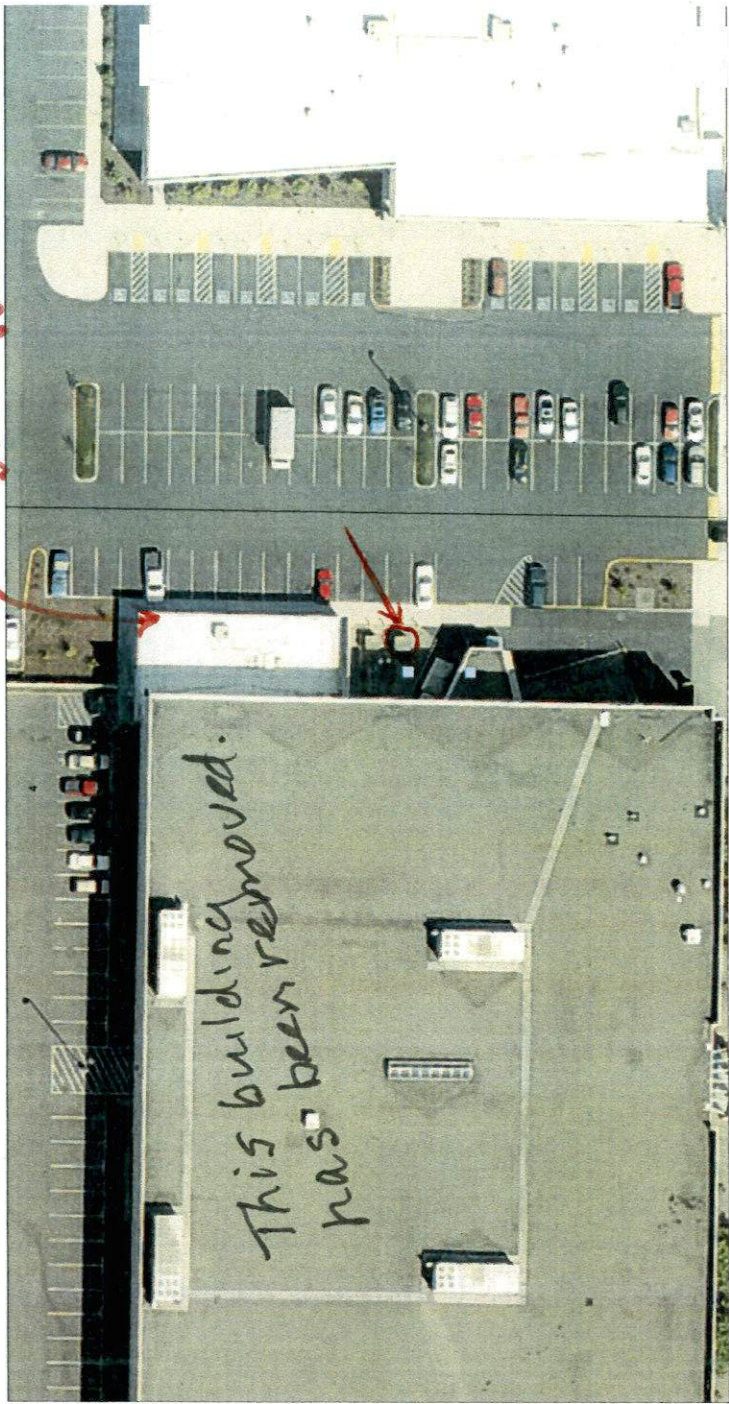
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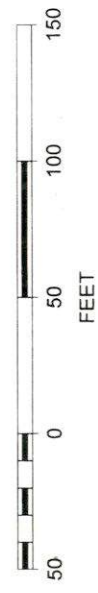
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5811 Main Street SW - Transformer #51817

Roadways	
	Arterial Street
	Street
Power Distribution	
	Street Light
	Pole FH000050
	Fused
	OH Transformer
	SSB
	UG Transformer
	Switch
	UG Feeder
	UG 2nd Feeder
	OH Feeder
	OH 2nd Feeder



SCALE 1 : 844



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SOIL PRE-TESTING

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Note: Soil pre-testing on Authorization #13-06-03-048 was conducted inside of the transformer cabinet at the surface. Pretest was conducted to determine initial TPH levels, and also to determine if other TPH fractions were present. Results indicate that diesel might have entered the enclosure at one time or the other. However, the mineral oil spill would have to account for most of the 170,000 ppm TPH encountered.

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SPECTRA Laboratories

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06/04/2013

Tacoma Public Utilities
PO Box 11007
Tacoma, WA 98411
Attn: Mike Rhubright


P.O.#: Auth #13-06-03-048
Project: 5811 Main St SW-Lakewood
Client ID: #51817
Sample Matrix: Soil
Date Sampled: 05/21/2013
Date Received: 06/03/2013
Spectra Project: 2013060013
Spectra Number: 1
Rush

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel*	170000*	mg/Kg	NWTPH-D
Oil	<40000	mg/Kg	NWTPH-D

*Sample contains diesel range organics that appears to be mineral oil or weathered diesel. **Surrogate diluted out of sample.

<u>Surrogate</u>	<u>Recovery</u>	<u>Method</u>
p-Terphenyl	0**	NWTPH-D

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Steve Hibbs, Laboratory Manager
a6/ijb

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CONFIRMATION SOIL TESTING

SAMPLING DIAGRAM

AREA DIAGRAM

5811 MAIN STREET SW LAKEWOOD TRANSFORMER 51817

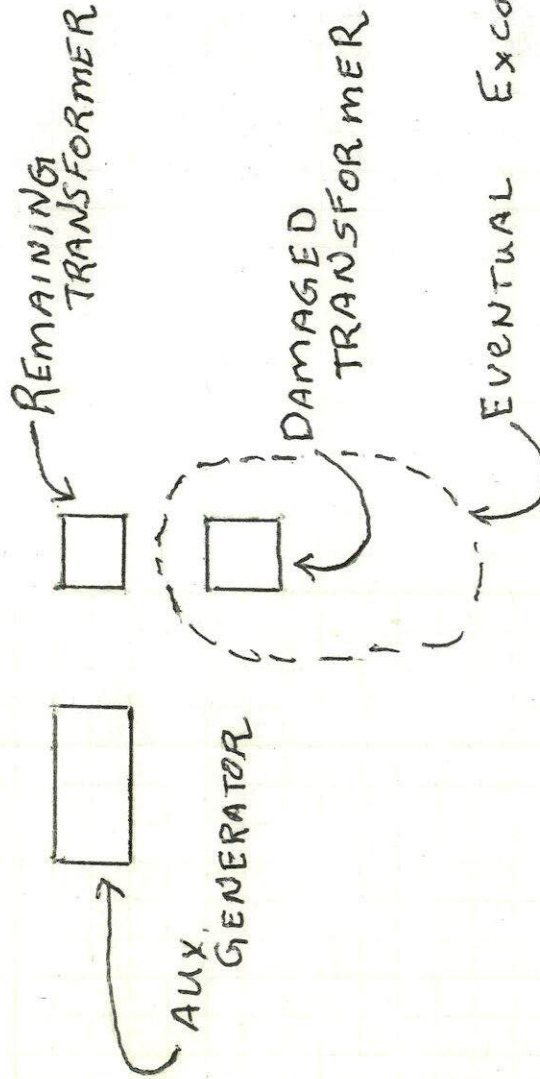
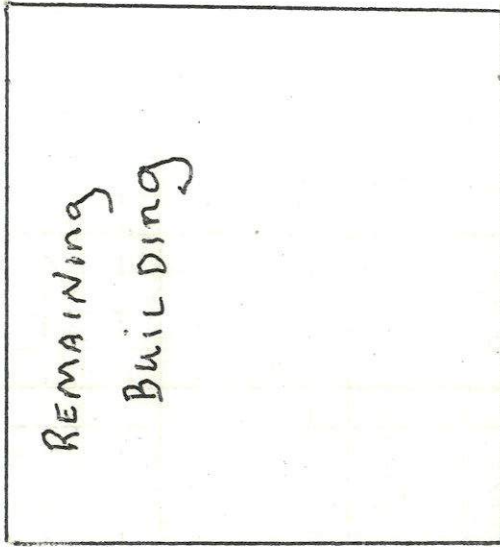
AREA MAP

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NOTE: NOT DRAWN TO SCALE



5811 MAIN STREET SW LAKEWOOD TRANSFORMER 51817

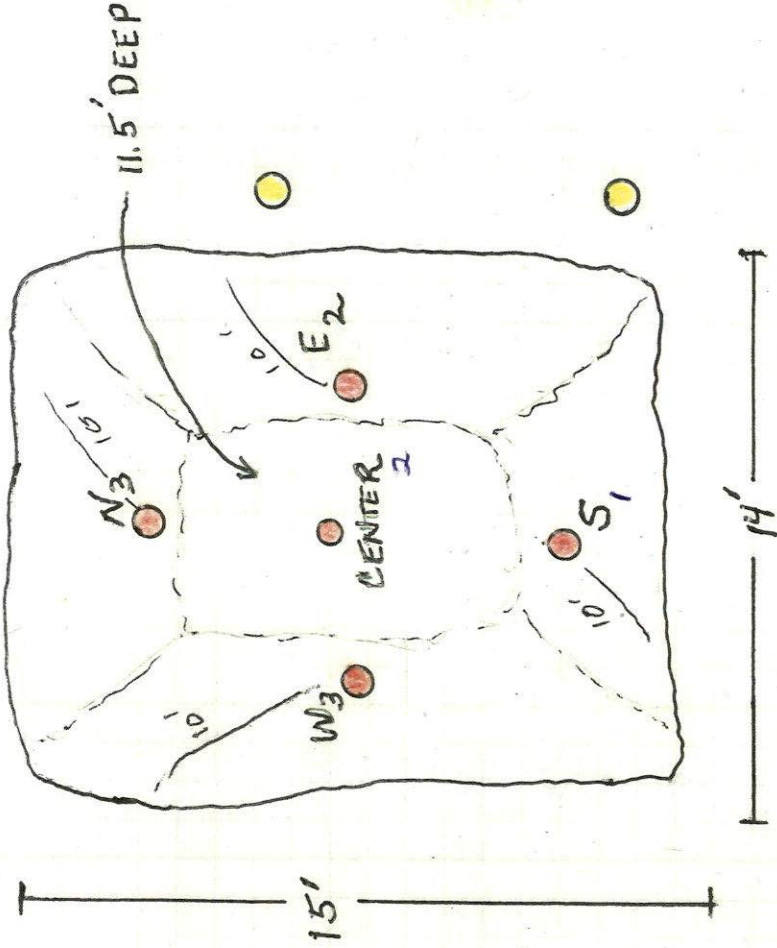
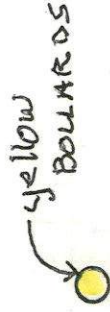
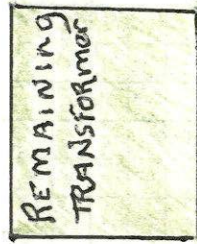
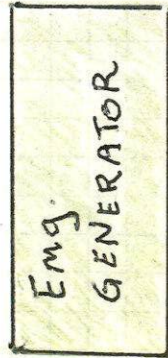
Sampling Detail

BLDG

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Side Samples were taken at the 10' depth. Each sample was taken at the middle part of the wall between each end. North and South samples were taken in the middle area of the wall as well. Center sample was taken from the exact middle (Floor) of the excavation. WATER WAS REMOVED WITH THE VAC TRUCK FIRST.

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FIELD TESTING

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11.5' deep



Hydrocarbon Test Kit - Field Data Sheet

Date: 6/19/13

Calibration Time/Date:

Operator: Rhubright Calibration Temperature: 20.9°

Location: 5811 Main St SW

No.	Sample ID	Weight	Time/Date	Reading (ppm)	DF ¹	RF ²	Actual (ppm)	Comments
1	N3						233	
2	S						49	
3	W3						430	
4	E2						120	
5	center						191	
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

¹DF = Dilution Factor, e.g., for 5 gram soil sample DF=10g/5g=2, and actual concentration equals reading times DF (reading (ppm) x DF = actual concentration).

²RF = Response Factor, selected for the hydrocarbon contamination at the site.

CONFIRMATION LAB TESTING RESULTS

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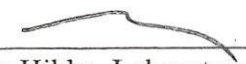
Tacoma Public Utilities
PO Box 11007
Tacoma, WA 98411
Attn: Mike Rhubright

P.O.#: Auth #13-06-20-054
Project: 5811 Main St SW
Client ID: North 3
Sample Matrix: Soil
Date Sampled: 06/19/2013
Date Received: 06/20/2013
Spectra Project: 2013060451
Spectra Number: 1
Rush

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel	<10.0	mg/Kg	NWTPH-D
Mineral Oil	<10.0	mg/Kg	NWTPH-D
Oil	<100	mg/Kg	NWTPH-D

<u>Surrogate</u>	<u>Recovery</u>	<u>Method</u>
p-Terphenyl	82	NWTPH-D

SPECTRA LABORATORIES


Steve Hibbs, Laboratory Manager
a6/jjb



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06/21/2013


Tacoma Public Utilities
PO Box 11007
Tacoma, WA 98411
Attn: Mike Rhubright

P.O.#: Auth #13-06-20-054
Project: 5811 Main St SW
Client ID: South 1
Sample Matrix: Soil
Date Sampled: 06/19/2013
Date Received: 06/20/2013
Spectra Project: 2013060451
Spectra Number: 2
Rush

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel	<10.0	mg/Kg	NWTPH-D
Mineral Oil	<10.0	mg/Kg	NWTPH-D
Oil	<100	mg/Kg	NWTPH-D

<u>Surrogate</u>	<u>Recovery</u>	<u>Method</u>
p-Terphenyl	81	NWTPH-D

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06/21/2013

Tacoma Public Utilities
PO Box 11007
Tacoma, WA 98411
Attn: Mike Rhubright

P.O.#: Auth #13-06-20-054
Project: 5811 Main St SW
Client ID: East 2
Sample Matrix: Soil
Date Sampled: 06/19/2013
Date Received: 06/20/2013
Spectra Project: 2013060451
Spectra Number: 3
Rush

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel	<10.0	mg/Kg	NWTPH-D
Mineral Oil	29.0	mg/Kg	NWTPH-D
Oil	<100	mg/Kg	NWTPH-D

<u>Surrogate</u>	<u>Recovery</u>	<u>Method</u>
p-Terphenyl	80	NWTPH-D

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06/21/2013

Tacoma Public Utilities
PO Box 11007
Tacoma, WA 98411
Attn: Mike Rhubright

P.O.#: Auth #13-06-20-054
Project: 5811 Main St SW
Client ID: West 3
Sample Matrix: Soil
Date Sampled: 06/19/2013
Date Received: 06/20/2013
Spectra Project: 2013060451
Spectra Number: 4
Rush

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel	<10.0	mg/Kg	NWTPH-D
Mineral Oil	10.8	mg/Kg	NWTPH-D
Oil	204	mg/Kg	NWTPH-D

<u>Surrogate</u>	<u>Recovery</u>	<u>Method</u>
p-Terphenyl	95	NWTPH-D

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Tacoma Public Utilities
PO Box 11007
Tacoma, WA 98411
Attn: Mike Rhubright

P.O.#: Auth #13-06-20-054
Project: 5811 Main St SW
Client ID: Center 2
Sample Matrix: Soil
Date Sampled: 06/19/2013
Date Received: 06/20/2013
Spectra Project: 2013060451
Spectra Number: 5
Rush

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
Diesel	38.5*	mg/Kg	NWTPH-D
Mineral Oil	<10.0	mg/Kg	NWTPH-D
Oil	335	mg/Kg	NWTPH-D

*Sample contains what appears to be weathered diesel fuel.

<u>Surrogate</u>	<u>Recovery</u>	<u>Method</u>
p-Terphenyl	106	NWTPH-D

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**SHIPPING PAPERS
LOAD WEIGHTS**

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

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002225 TACOMA POWER
PO BOX 1717
TACOMA WA 98401-1717

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SITE	TICKET	GRID		WEIGHMASTER	
39	273245			Dana	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
06/19/13	06/19/13	09:02	09:20		
REFERENCE			ORIGIN		
OTHER					

Scale 1 Gross Wt. 41460 LB
Scale 2 Tare Wt. 21800 LB
Net Weight 19660 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
9.83	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.

304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1680
NOTES TACOMA POWER TRK 7116922

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
17925 Meridian St E
Puyallup, WA 98375

002225 TACOMA POWER
PO BOX 1717
TACOMA WA 98401-1717

SITE	TICKET	GRID		WEIGHMASTER	
39	273248			Dana	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
06/19/13	06/19/13	09:20	09:31		
REFERENCE			ORIGIN		
OTHER					

Scale 1 Gross Wt. 62520 LB
Scale 2 Tare Wt. 26480 LB
Net Weight 36040 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
18.02	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.

304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1680
NOTES T P TRK 7116908

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

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002225 TACOMA POWER
 PO BOX 1717
 TACOMA WA 98401-1717

SITE	TICKET	GRID	WEIGHMASTER			
39	273264		Dana			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
06/19/13	06/19/13	10:20	10:46			
REFERENCE			ORIGIN			
OTHER						

Scale 1 Gross Wt. 59080 LB
 Scale 2 Tare Wt. 26360 LB
 Net Weight 32720 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.36	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1680
 NOTES TP TRK 4186 7112570

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

002225 TACOMA POWER
 PO BOX 1717
 TACOMA WA 98401-1717

SITE	TICKET	GRID	WEIGHMASTER			
39	273287		Dana			
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF	
06/19/13	06/19/13	11:26	11:39			
REFERENCE			ORIGIN			
OTHER						

Scale 1 Gross Wt. 58060 LB
 Scale 2 Tare Wt. 26500 LB
 Net Weight 31560 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
15.78	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1680
 NOTES TP TRK 7116908

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

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SEP 13 2013

Tacoma-Pierce County
 Health Dept.

002225 TACOMA POWER
 PO BOX 1717
 TACOMA WA 98401-1717

39	273312			Dana	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
06/19/13	06/19/13	13:06	13:29		
REFERENCE			ORIGIN		
OTHER					

Scale 1 Gross Wt. 60160 LB
 Scale 2 Tare Wt. 26320 LB
 Net Weight 33840 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
16.92	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 1680
 NOTES TP 7112570

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

002225 TACOMA POWER
 PO BOX 1717
 TACOMA WA 98401-1717

39	273322			Dana	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
06/19/13	06/19/13	13:25	13:36		
REFERENCE			ORIGIN		
OTHER					

Scale 1 Gross Wt. 44680 LB
 Scale 2 Tare Wt. 21980 LB
 Net Weight 22700 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
11.35	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

PO # WDA 1680
 NOTES PR 7116922

202.TS TO REORDER CONTACT NORTH STAR FORMS, LLC (877) 499-0492

SIGNATURE _____

PCRCD, LLC dba LRI-304th
 17925 Meridian St E
 Puyallup, WA 98375

002225 TACOMA POWER
 PO BOX 1717
 TACOMA WA 98401-1717

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39	273352			Dana	
DATE IN	DATE OUT	TIME IN	TIME OUT	VEHICLE	ROLL OFF
06/19/13	06/19/13	15:07	15:19		
REFERENCE			ORIGIN		
OTHER					

Scale 1 Gross Wt. 46900 LB
 Scale 2 Tare Wt. 26740 LB
 Net Weight 20160 LB

Inbound - Charge ticket

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	FEE	TOTAL
10.08	TON	23 SOIL DISPOSAL-IC				

Operating hours 8AM to 4PM M-F & 8AM to Noon on Sat.
 304th Landfill-30919 Meridian/SR 161, Graham, WA

PO # WDA 1680
 NOTES TP TRK 7116908

NET AMOUNT
TENDERED
CHANGE
CHECK NO.

SIGNATURE _____



PRS Group, Inc.
3003 Taylor Way
Tacoma, WA 98421

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SEP 13 2013
 Tacoma-Pierce County
 Health Dept.

Invoice

Date	Invoice #
6/19/2013	39157

Bill To:

Tacoma Power
 Atten: Mike Rhubright
 3628 S 35th St.
 Tacoma, WA 98409

P.O. No.	Terms	Due Date	Entry Log
10000079116		6/19/2013	

Item	Qty	Description	Rate	Amount
Sludge	1	Ton(s)	85.00	85.00

Subtotal	\$85.00
Sales Tax (9.5%)	\$0.00
Total	\$85.00

Phone #	Fax #	E-mail	Web Site
253-383-4175	253-383-4531	prs@prsplant.net	www.prsplant.net



PRS Group, Inc.
3003 Taylor Way
Tacoma, WA 98421

Invoice

RECEIVED

SEP 13 2013
 Tacoma-Pierce County
 Health Dept.

Date	Invoice #
6/19/2013	39142

Bill To:

Tacoma Power
 Atten: Mike Rhubright
 3628 S 35th St.
 Tacoma, WA 98409

P.O. No.	Terms	Due Date	Entry Log
10000051827		6/19/2013	

Item	Qty	Description	Rate	Amount
Sludge	1	Ton(s)	85.00	85.00

Subtotal	\$85.00
Sales Tax (9.5%)	\$0.00
Total	\$85.00

Phone #	Fax #	E-mail	Web Site
253-383-4175	253-383-4531	prs@prsplant.net	www.prsplant.net



PRS Group, Inc.
3003 Taylor Way
Tacoma, WA 98421

RECEIVED

SEP 13 2013

Tacoma-Pierce County
 Health Dept.

Invoice

Date	Invoice #
6/19/2013	39158

Bill To:

Tacoma Power
 Atten: Mike Rhubright
 3628 S 35th St.
 Tacoma, WA 98409

P.O. No.	Terms	Due Date	Entry Log
10000079116		6/19/2013	

Item	Qty	Description	Rate	Amount
Oily Water	300	Gallons	0.25	75.00

Subtotal	\$75.00
Sales Tax (9.5%)	\$0.00
Total	\$75.00

Phone #	Fax #	E-mail	Web Site
253-383-4175	253-383-4531	prs@prsplant.net	www.prsplant.net

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SITE PHOTOGRAPHS

customer
pick-up

HIGH
VOLTAGE
NO ENTRY

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Health Dept.

Westinghouse
02404331
02404331

X13

X12

X11

X10





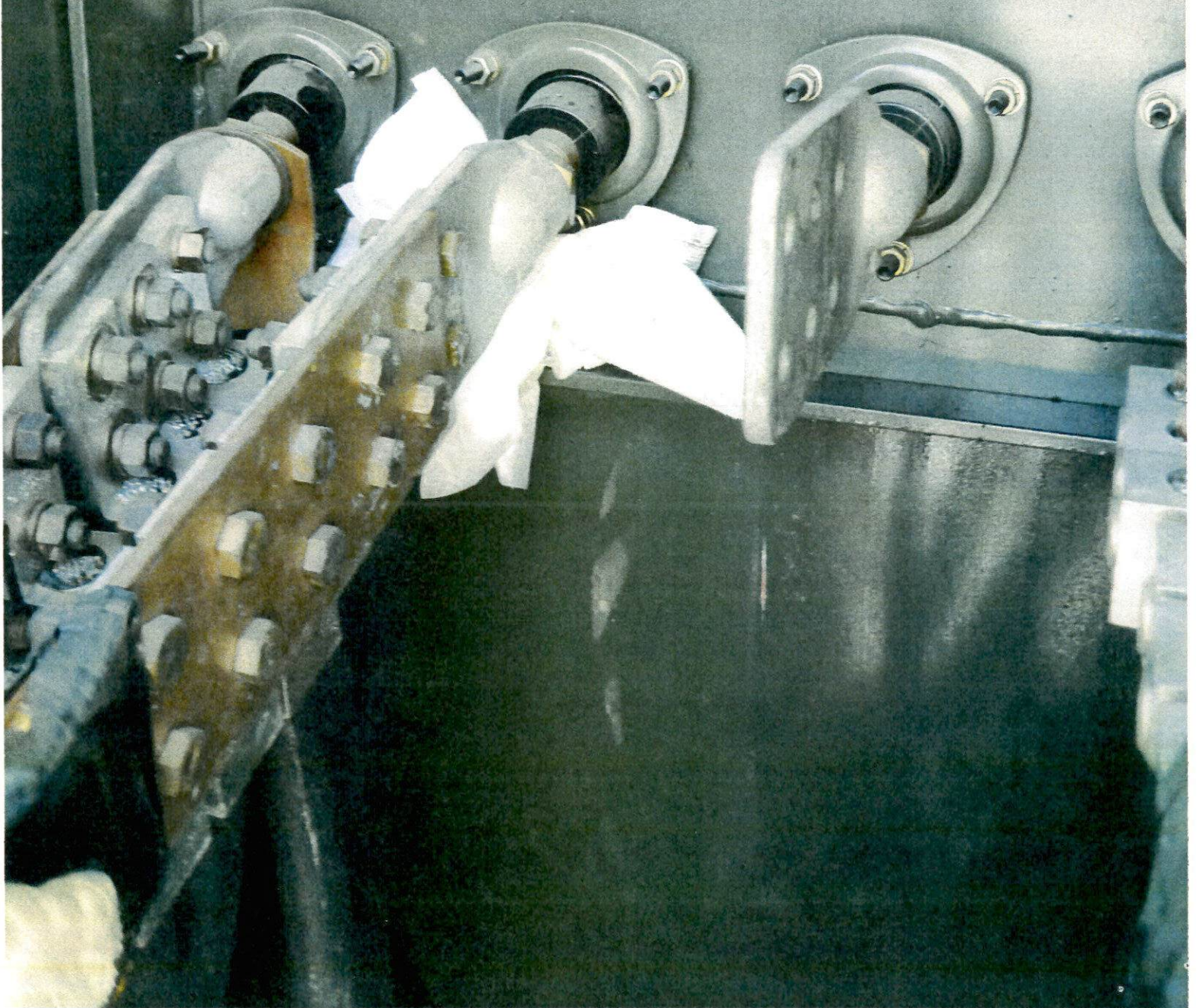
01017

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H0X0

X1

X2



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Lacoma-Pierce County
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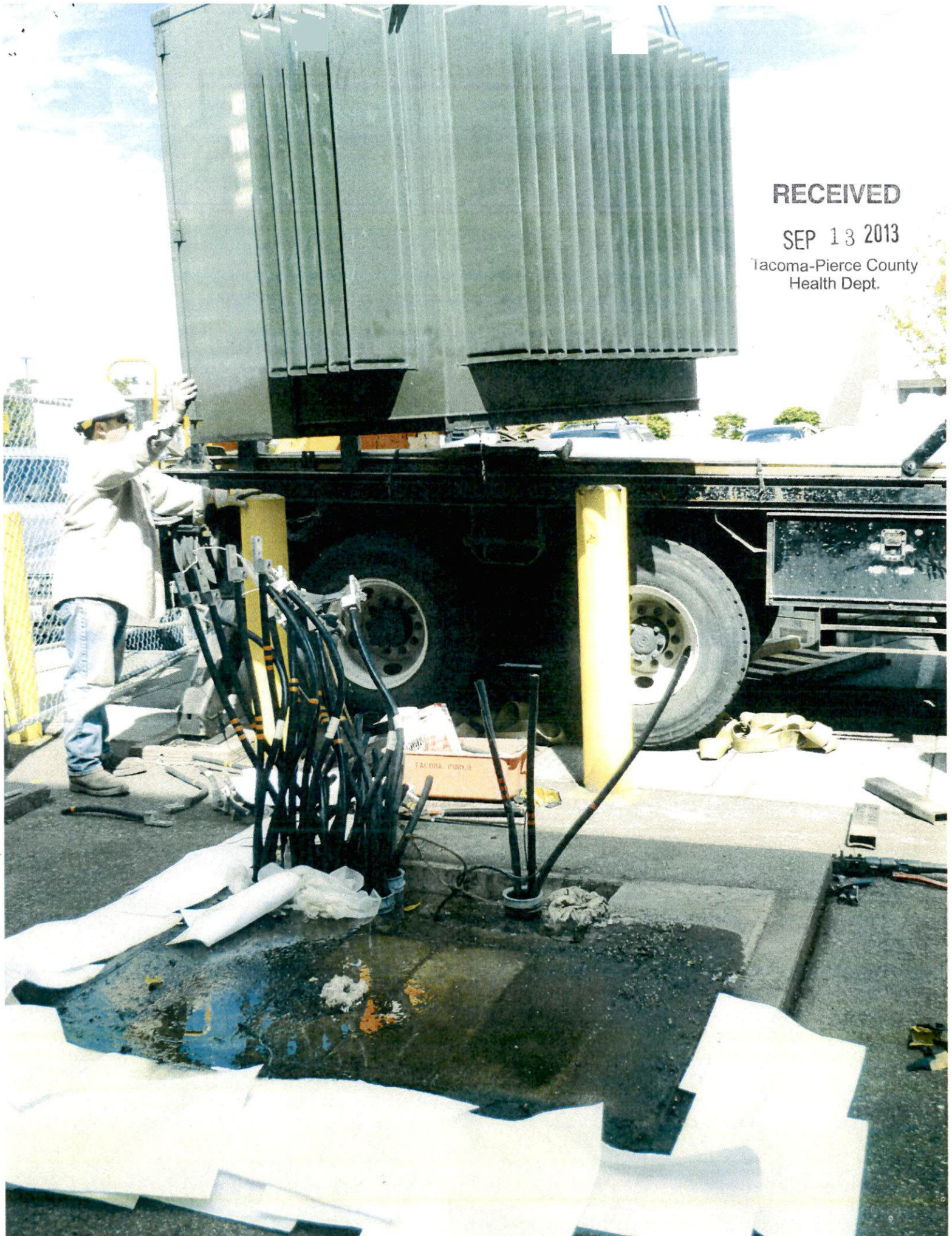
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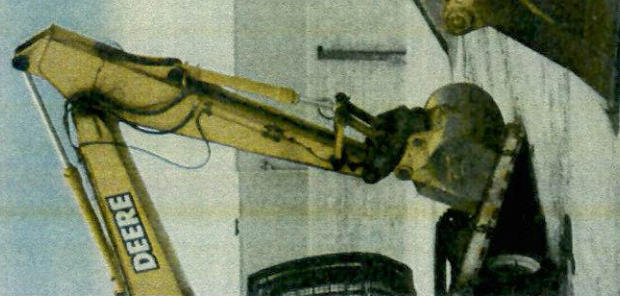
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Pierce County
Health Dept

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Health Dept.

VALVE

TACOMA POWER

RECEIVED

SEP 13 2013

Lacoma-Pierce County
Health Dept.



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SEP 13 2013

Tacoma-Pierce County
Health Dept.

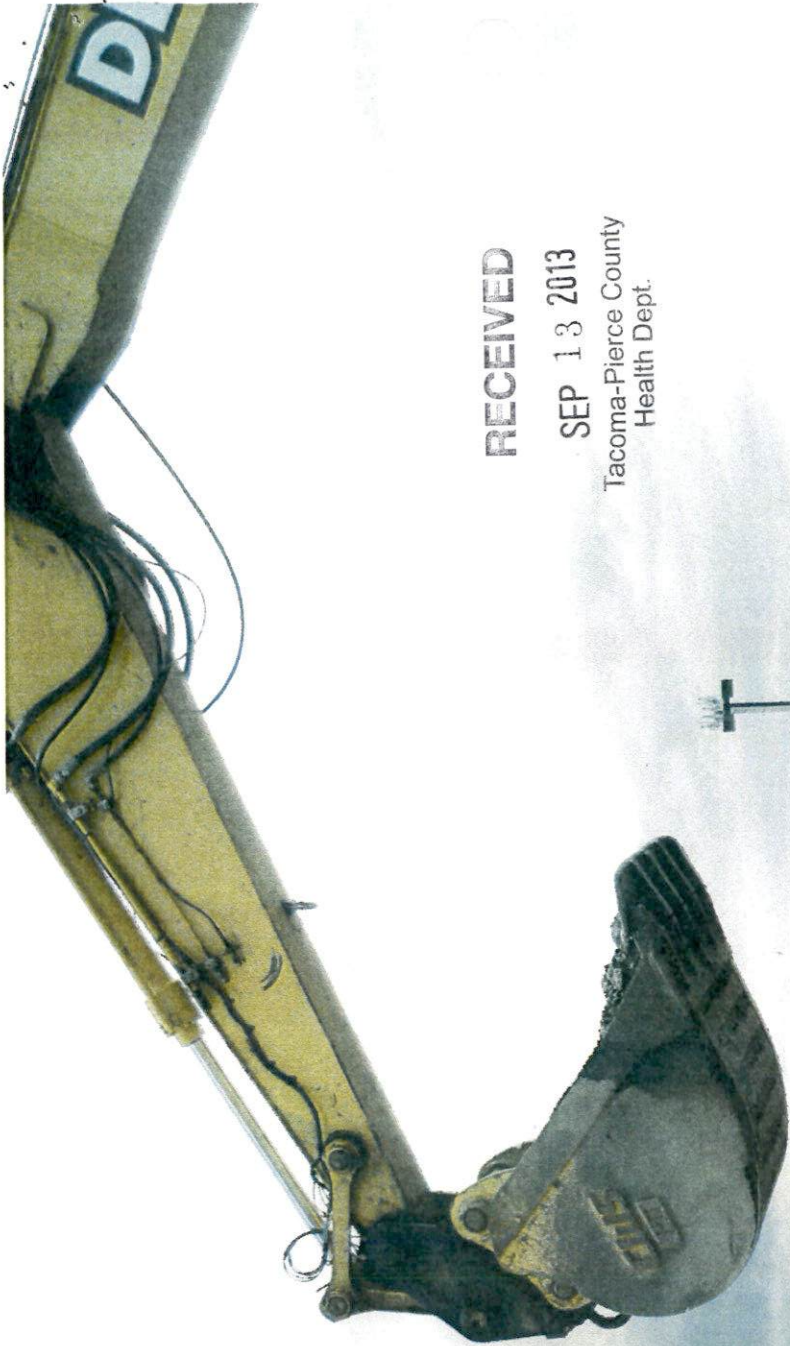




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SEP 13 2013

Tacoma-Pierce County
Health Dept.





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SEP 13 2013

Tacoma-Pierce County
Health Dept.

