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April 2, 2020

Panjini Balaraju, P.E.
Environmental Engineer
Washington State Department of Ecology
Toxics Cleanup Program
Southwest Regional Office
PO Box 47775
Olympia, WA 98504-7775
Distributed via electronic mail only:
PBAL461@ecy.wa.gov

Re: Monitoring Well Decommissioning Summary Letter – GL-7
Former Automotive Services, Inc. Site
Port of Vancouver USA
2327 West Mill Plain Boulevard
Vancouver, Washington
AECOM Job No. 60624310

Dear Mr. Balaraju:

On behalf of Port of Vancouver USA (the Port), AECOM is pleased to provide the Washington Department of Ecology (Ecology) with this letter report summarizing the decommissioning of monitoring well GL-7 at the Former Automotive Services, Inc. (ASI) Site (herein referred to as the Site) (Figures 1 and 2). In 2010, Ecology agreed that the remaining wells were deemed sufficient to monitor the localized area of diesel impacts in groundwater near GL-2 (Ecology, 2014).

AECOM subcontracted with Pacific Soil and Water, Inc., (PSW) a Washington State licensed well driller, to decommission GL-7 on October 8, 2019 following Ecology's well abandonment guidelines outlined in Chapter 173-160 of the Washington Administrative Code (WAC), Minimum Standards for Construction and Maintenance of Wells. AECOM provided oversight for the well abandonment.

The proposed and actual decommissioning methods are listed on the table below.

Well ID		GL-7
Ground Surface		Gravel/dirt
Decommissioning Plan	**Proposed Method**	Decommission in place
	Decommissioning Date	10/8/2019
	Actual Method	Decommissioned in place
	Department of Ecology Notice of Intent for the Decommissioning	AE57246
	Actual Surface Patching Method	Monument removed and gravel laid down
	Depth Measured During Decommissioning (feet bgs)	28.5
Monitoring Well Details	**Department of Ecology Notice of Intent for the Installation**	R063769
	Ecology Well Tag	AHE 594
	Install Date	12/30/2002
	Install Total Depth (feet bgs)	30.0
	Diameter (inches)	2
	Monument Type	Flush
	Screen Interval (feet bgs)	10 - 30

PSW decommissioned the well in place by filling the casing from bottom to land surface with bentonite. The Ecology well decommissioning log is attached.

AECOM is pleased to present this letter to Ecology on behalf of the Port. If you have any questions regarding the well decommissioning activities, please contact the undersigned at (971) 323-6324.

Yours sincerely,
AECOM

Nicky Moody
Project Manager

Jeremy Haney, L.G.
Geologist

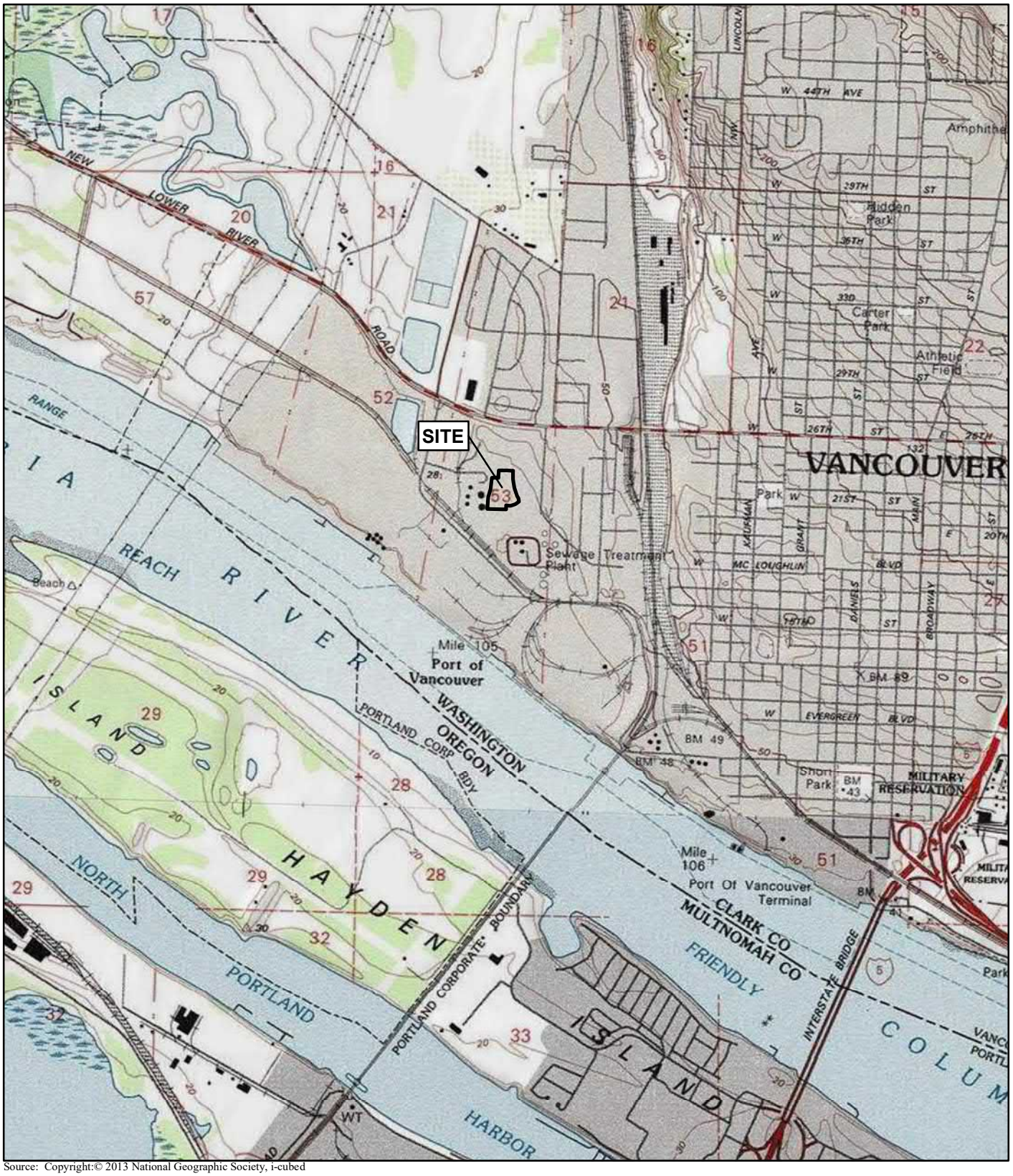
State of Washington
2817
Licensed Geologist
JEREMY HANEY

Attachments:
Figure 1. Vicinity Map
Figure 2. Site Map
Ecology Resource Protection Well Reports

References:
Ecology, 2014. Letter from Washington State Department of Ecology to Port of Vancouver. *No Further Action for the Former Automotive Services Inc Site.* March 7.

cc: Craig Rankine, RG, LHG, Cleanup Project Manager/Hydrogeologist, Washington Department of Ecology, Toxics Cleanup Program, Vancouver Field Office, 12121 NE 99th Street, Suite 2100, Vancouver, WA 98682, cran461@ecy.wa.gov

Matt Graves, LG, Environmental Manager, Port of Vancouver USA, 3103 NW Lower River Road, Vancouver, WA 98660, mgraves@Portvanusa.com



Source: Copyright:© 2013 National Geographic Society, i-cubed

1,000 0 1,000 2,000

SCALE IN FEET

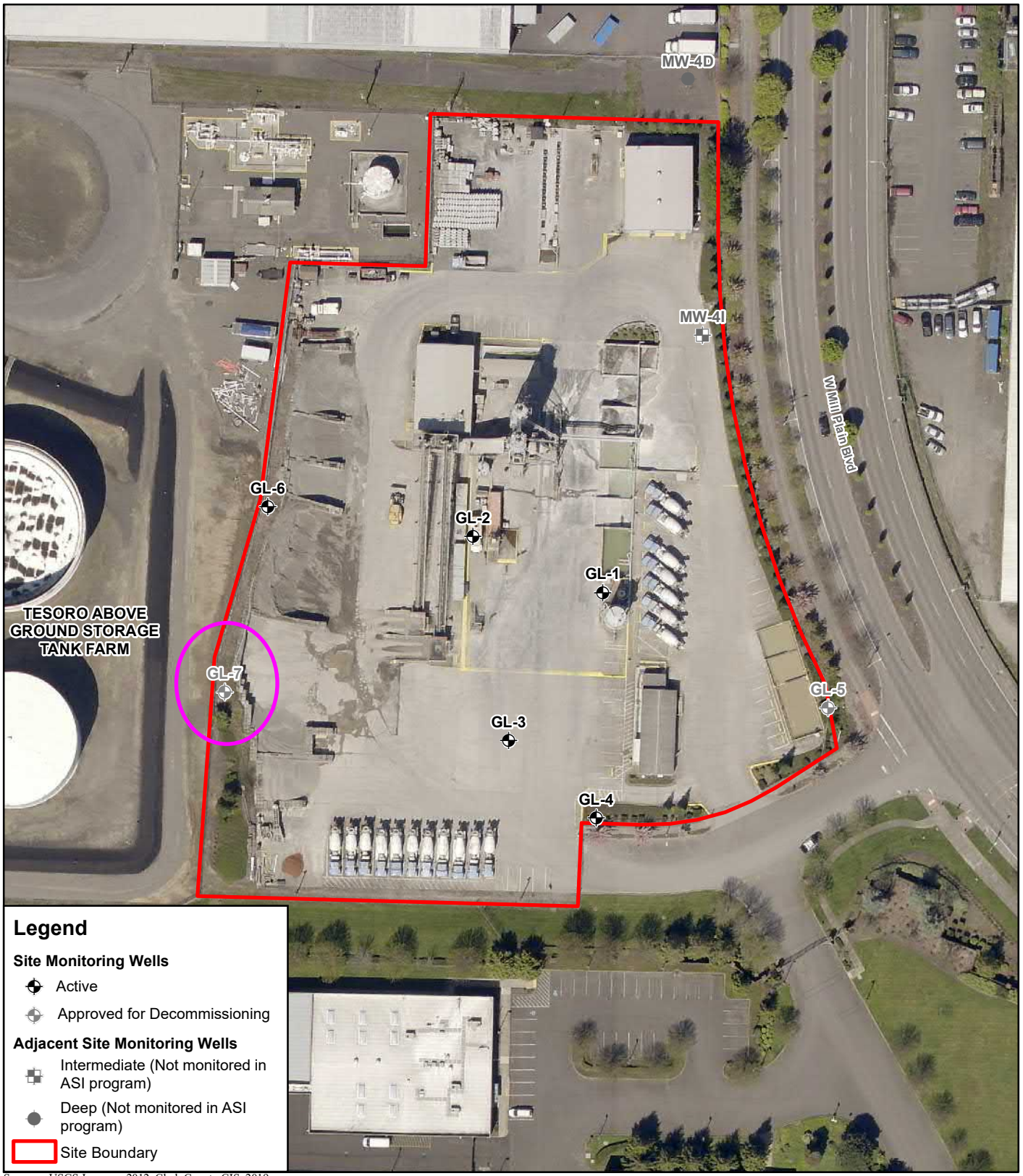
AECOM

VICINITY MAP

FORMER AUTOMOTIVE SERVICES, INC. SITE
PORT OF VANCOUVER USA
2327 WEST MILL PLAIN BOULEVARD, VANCOUVER, WA

FIGURE 1

O:\60519969 PoV GW Monitoring Services\900-CAD, GIS\MXD\Figure 1 Viciniy Map.mxd



Sources: USGS Imagery, 2012. Clark County GIS, 2019.

50 0 50 100

SCALE IN FEET

AECOM

SITE MAP

FORMER AUTOMOTIVE SERVICES, INC. SITE
PORT OF VANCOUVER USA
2327 WEST MILL PLAIN BOULEVARD, VANCOUVER, WA

FIGURE 2

O:\60519969 PoV GW Monitoring Services\900-CAD, GIS\MXD\Figure 2 Site Map.mxd

Resource Protection Well Report

(SUBMIT ONE WELL REPORT PER WELL INSTALLED)

Construction/Decommission (*"x" in circle*)

X Construction

O Decommission *ORGINAL INSTALLATION Notice of Intent Number* 126776

CURRENT
Notice of Intent No. RC03769

Type of Well (*"x" in circle*)
X Resource Protection
O Geotech Soil Boring

Consulting Firm Coles Environmental Consulting

Unique Ecology Well ID

Tag No AHE 694

WELL CONTRUCTION CERTIFICATION I constructed and/or accept for construction of this well, and it compliance with all Washington construction standards Materials used and the information reported above are true to my best knowledge and belief

X Driller ☐ Engineer ☐ Trainee Name (Print) Bradley Wiebe

Driller/Engineer/Trainee Signature Bradley Wiebe

Driller or Trainee License No 2466

If trainee, licensed driller's Signature and License no. _____

Property Owner Port of Vancouver

Site Address 2327 West Mill Plain

City Vancouver County Clark

Location SE 1/4 SW 1/4 Sec 21 Twn 2N R 1 (EWM) or WWM

Lat/Long (s, t, r, min REQUIRED) Lat Deg _____ Lat Min/Sec _____

Lat Deg _____ Long Min/Sec _____

Tax Parcel No None

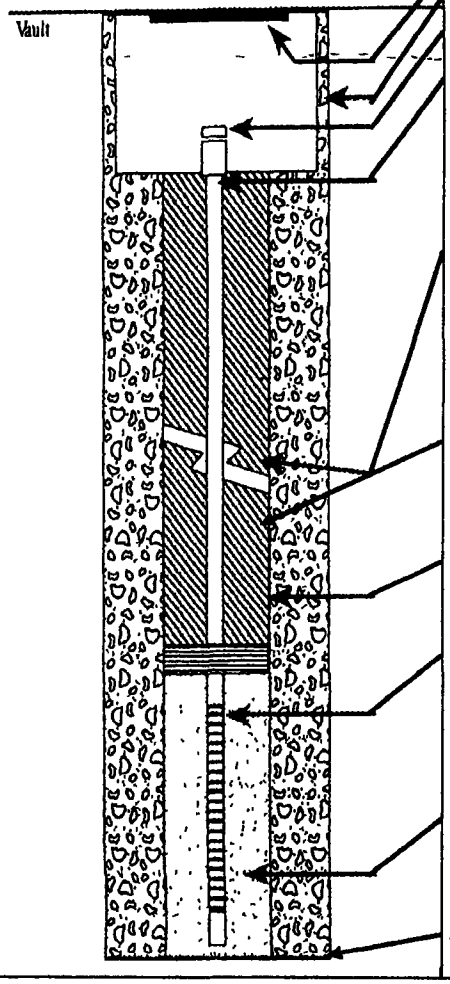
Cased or Uncased Diameter _____ Static Level _____

Work/Decommission Start Date 12-30-02

Work/Decommission Completed Date 12-30-02

RECEIVED
FEB 03 2003
DEPARTMENT OF ECOLOGY
WELL DRILLING UNIT

Construction/Design



Water-tight cover
Surface flush vault
Locking Cap\Lock

Casing
Diameter 2 in
Material PVC

Welded	Threaded	Glued
☐	X	☐

Well Seal
From 1 ft To 9 ft
Material Bentonite
Amount 4 bags
Grout Weight _____

Drilling Method
X Hollow-Stem Auger ___ Air Rotary
___ Probe ___ Mud Rotary ___ Other

Borehole diameter
8 in

Screen
Material PVC
Interval(s)
From 10 To 30
From _____ To _____
Slot Size .010 in

Filter Pack
From 9 ft To 30 ft
Material sand
Size 10-20 in
Completed Depth 30

Well Data

Formation Description

0 ft to 22 ft
Silts & Clays with Sands

22 ft to 30 ft
Sand

____ ft to ____ ft

____ ft to ____ ft

____ ft to ____ ft.

Scale 1"= ____

Page _____ of _____

DEPARTMENT OF ECOLOGY
State of Washington

Resource Protection Well Report

Submit one well report per well installed. See page two for instructions.

Type of Work:

☐ Construction
■ Decommission ⇨ Original NOI No. R63769

Ecology Well ID Tag No. AHE 594

Site Well Name GL-7

Consulting Firm _____

Was a variance approved for this well/boring? ☐ Yes ■ No

If yes, what was the variance for? _____

WELL CONSTRUCTION CERTIFICATION: I constructed and/or accept responsibility for construction of this well, and its compliance with all Washington well construction standards. Materials used and the information reported are true to my best knowledge and belief.

■ Driller ☐ Trainee ☐ Engineer

Name (Print Last, First Name) Watson, Colin

Driller/Engineer/Trainee Signature _____

License No. 2963

Company Name Pacific Soil and Water

If trainee box is checked, sponsor's license number: _____

Sponsor's signature _____

Notice of Intent No. AE57246

Type of Well:

■ Resource Protection Well ☐ Injection Point
☐ Remediation Well ☐ Grounding Well
☐ Geotechnical Soil Boring ☐ Ground Source Heat Pump
☐ Environmental Boring ☐ Other _____

↳ ☐ Soil- ☐ Vapor- ☐ Water-sampling

Property Owner Port of Vancouver

Well Street Address 2327 West Mill Plain Blvd

City Vancouver County Clark

Tax Parcel No. _____

Location (see instructions): WWM ☐ or EWM ■

SE ¼-¼ SW ¼, Section 21 Town 2N Range 1

Latitude (Example: 47.12345) _____

Longitude (Example: -120.12345) _____

(WGS 84 Coordinate System)

Borehole diameter _____ inches Casing diameter _____ inches

Static water level 24.8 ft below top of casing Date 10/8/2019

☐ Above-ground completion with bollards ☐ Flush monument

↳ Stick-up of top of well casing _____ ft above ground surface

Start Date 10/8/2019 Completed Date 10/8/2019

Construction Design	Well Data	Driller's Log
Abandon well in place with bentonite to surface. Remove monument and concrete. Repair surface.	2" well, Total depth 30' Screened 10' to 30'	