

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Princeton

Date: 8-20-21

Company: PES

Time: 1140

Inspector: PS

Weather: Sunny 80s

Signature: [Signature]

WELL ID: GW-01

EXTERIOR ITEMS:

Protective Casing: Yes (manhole)
 Lock/Hasp: No
 Hinge/Lid: Manhole cover
 Well Pad: Yes
 Bollards: No
 Label/ID: No
 Other (Specify):

INTERIOR ITEMS:

Well Riser: Pvc
 Annular Space: -
 Well Cap/Plug: Plug
 Well Diameter: 1"
 Depth to Water: 3.05
 Depth to Bottom: 17.20
 Other (Specify):

Purging/
Sampling
Device

Peri-Pump (PES)

Tubing
Type:

LDPE

Tubing Inlet
Location:

~2' off bottom

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
1145	2200 $\frac{ml}{min}$	6.71	20.61	.482	3.09	345	10	.762		
1150		6.70	20.96	.492	2.90	294	11	.770		
1155		6.73	21.46	.495	2.84	225	9	.773		
1200		Went dry								
1205										
1210										
1245		6.93	24.89	.505	6.69	550	89	.802		

Sensing Equipment:

Hanna (PES); Generator Used (PES)

Sampling Personnel:

PS

Notes/Comments:

Sampled @ 1245

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Primordial

Date: 8-20-21

Company: PES

Time: 1000

Inspector: PS

Weather: cloudy 80s

Signature: [Signature]

WELL ID: P-103

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Lock

Hinge/Lid: Hinge

Well Pad: No

Bollards: No

Label/ID: No

Other (Specify): _____

INTERIOR ITEMS:

Well Riser: Pvc

Annular Space: -

Well Cap/Plug: Cup

Well Diameter: 2"

Depth to Water: 6.05

Depth to Bottom: 18.10

Other (Specify): _____

Purging/
Sampling
Device

Peri - Pump (PES)

Tubing
Type:

LDPE

Tubing Inlet
Location:

2/4'

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
1005		6.85	20.16	.338	4.99	4.3	163	.528		
1010		6.76	19.59	.338	3.97	2.4	163	.527		
1015		6.72	19.97	.340	3.54	6.5	93	.535		
1020		6.76	20.06	.344	3.33	6.3	46	.538		
1025		6.69	20.04	.345	3.32	6.4	34	.541		
1030		6.68	20.07	.353	3.31	4.1	-22	.551		

Sensing Equipment: Horiba (Pina); Generator (PES)

Sampling Personnel: PS

Notes/Comments: Sampled @ 1035

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Primoshield

Date: 8-20-21

Company: PES

Time: 1040

Inspector: PS

Weather: Sunny 80s

Signature: [Signature]

WELL ID: P-105

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Lock

Hinge/Lid: Hinge

Well Pad: No

Bollards: No

Label/ID: No

Other (Specify):

INTERIOR ITEMS:

Well Riser: PVC

Annular Space: -

Well Cap/Plug: Cap

Well Diameter: 2"

Depth to Water: 4.3C

Depth to Bottom: 18.2'

Other (Specify): Had to put new tubing down well cause old tubing had a break

Purging/
Sampling
Device

Peri-Pump (PES)

Tubing
Type:

LDPE

~~HDPE (all down)~~

Tubing Inlet
Location:

~2' off bottom

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
1100	~200 ^{ml} / _{min}	7.07	19.10	.550	4.02	21.3	-77	.861		
1105		7.04	18.82	.543	2.63	28.3	-78	.848		
1110		7.01	19.01	.538	2.03	32.0	-81	.841		
1115		6.99	19.05	.534	1.74	28.2	-82	.834		
1120		6.99	19.02	.533	1.71	27.9	-82	.832		

Sensing Equipment: Hlonka (PES); Generator used (PES); used ~25' LDPE 3/8"

Sampling Personnel: PS

Notes/Comments: Sampled @ 1120 ; Duplicate taken here

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Primoschild

Date: 8-20-41

Company: PES

Time: 0925

Inspector: PS

Weather: Cloudy 70s

Signature: [Signature]

WELL ID: P-1065

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Lock

Hinge/Lid: Lid

Well Pad: No

Bollards: No

Label/ID: Yes

Other (Specify):

INTERIOR ITEMS:

Well Riser: Pvc

Annular Space: -

Well Cap/Plug: Cap

Well Diameter: 2"

Depth to Water: 6.00

Depth to Bottom: 18.50

Other (Specify):

Purging/
Sampling
Device

Peri - Pump (PES)

Tubing
Type:

LDPE (already from well)

Tubing Inlet
Location:

~2' off bottom

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
0930	~200 ml/min	7.42	18.42	.414	5.32	4.5	164	.649		
0935		6.99	18.75	.390	4.90	6.0	166	.620		
0940		6.82	19.64	.373	4.83	1.4	171	.581		
0945		6.84	19.82	.365	4.97	0.6	174	.576		
0950		6.81	20.38	.365	4.91	0.2	176	.571		

Sensing Equipment: Horiba (Pine); Generator (PES)

Sampling Personnel: PS

Notes/Comments: Sampled @ 0955

Site: Prinsheide

Date: 8-20-21

Company: PES

Time:

Inspector: PS

Weather:

Signature:

WELL ID: P-1060

Protective Casing: ☒ Yes

Lock/Hasp: *Lo 4*

Hinge/Lid: 1.1

Well Pad:

Bollards: *nc*

Label/ID: Yes

Other (Specify):

Well Riser: *Pyc*

Annular Space:

Well Cap/Plug: C-20

Well Diameter: 2"

Depth to Water: 28.65

Depth to Bottom: 77.70

Other (Specify): Rental pump not working; had to hand bail (purged 25 gallons)

Purging/
Sampling
Device

B.L.R. = 3x well volume

Tubing
Type:

Tubing Inlet
Location:

Sensing Equipment: Horiba (Pine)

Sampling Personnel:

Notes/Comments:

Horiba (Pine)

AS

Took readings @ time of sample i sampled @ 1322

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Prinshield

Date: 8-20-21

Company: PES

Time: 0840

Inspector: PS

Weather: Cloudy, 70s

Signature: [Signature]

WELL ID: P-1075

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Lock

Hinge/Lid: Lid

Well Pad: No

Bollards: No

Label/ID: Yes

Other (Specify):

INTERIOR ITEMS:

Well Riser: PVC

Annular Space: -

Well Cap/Plug: Cap

Well Diameter: 2"

Depth to Water: 4.60

Depth to Bottom: 17.15

Other (Specify):

Purging/
Sampling
Device

Peri-Pump (2")

Tubing
Type:

LDPE (galled down well)

Tubing Inlet
Location:

~ 14'

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
0850	~200 mL/min	7.40	18.52	.441	6.06	11.5	100	.692		
0855		7.22	18.50	.442	4.53	11.1	110	.691		
0900		6.98	18.81	.434	3.63	11.5	128	.678		
0905		6.91	19.01	.429	3.35	10.0	134	.668		
0910		6.85	19.38	.401	2.84	2.4	147	.626		
0915		6.82	19.40	.398	2.96	1.2	152	.607		

Sensing Equipment: Fluorin (Pine); Generator used (PES)

Sampling Personnel: PS

Notes/Comments: Sampled @ 0920

MONITORING WELL INSPECTION FORM AND PURGE LOG

Site: Primosfield

Date: 8-20-21

Company: PE5

Time: 0745

Inspector: PS

Weather: Cloudy 70s

Signature: [Signature]

WELL ID: P-1070

EXTERIOR ITEMS:

Protective Casing: Yes

Lock/Hasp: Lock

Hinge/Lid: Lid

Well Pad: No

Bollards: No

Label/ID: Yes

Other (Specify):

INTERIOR ITEMS:

Well Riser: Pvc

Annular Space: -

Well Cap/Plug: Cap

Well Diameter: 2"

Depth to Water: 29.15

Depth to Bottom: 77.70

Other (Specify): Had to hand bail; Rental Pump not working (Purged 25 gallons)

Purging/
Sampling
Device

Grundfos Rediflow 2

Tubing
Type:

LDPE

Tubing Inlet
Location:

~ 65' (that's where old tubing was)

PURGE PARAMETERS

TIME	Flow Rate	pH	TEMP	TDS	DO	TURB	ORP	COND		
<u>1255</u>	<u>—</u>	<u>9.61</u>	<u>18.67</u>	<u>.224</u>	<u>3.69</u>	<u>38</u>	<u>-23</u>	<u>346</u>		

Sensing Equipment: Horiba (Pine)

Sampling Personnel: PS

Notes/Comments: Sampled @ 1300 (MS/MSD taken here)
Took readings @ time of sample