## **Atlantic Richfield Company**

Paul G. Johnson

Liability Manager

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August 4, 2021

Jessica LaClair
Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, New York 12233-7016

RE: Monthly Progress Report, July 2021 Former Anaconda Plant (a.k.a. Harbor at Hastings Site) Site No. 3-60-022 Hastings-On-Hudson, New York

Dear Ms. LaClair:

Enclosed is the July 2021 Monthly Progress Report for the Former Anaconda Plant (a.k.a. Harbor at Hastings Site), New York State Department of Environmental Conservation (NYSDEC) Site No. 3-60-022, Hastings-on-Hudson, New York. This progress report has been prepared in accordance with Section XI of the AMENDED ORDER ON CONSENT and ADMINISTRATIVE SETTLEMENT between Atlantic Richfield Company and NYSDEC, dated November 6, 2013. The time period covered is July 1, 2021 through July 30, 2021.

If you have any questions or comments on this submittal, please feel free to contact me at 630-731-4463.

Sincerely,

Paul G. Johnson Liability Manager

FIM. J

**Enclosure** 



#### • Page 2

cc: Village Manager Mary Beth Murphy, Hastings-On-Hudson

Mark Chertok, Hastings-On-Hudson Karl Coplan, Pace/Riverkeeper

File

ecc: Jacquelyn Nealon, New York State Department of Health

Maureen Schuck, New York State Department of Health

Susan Edwards, New York State Department of Environmental Conservation

Andrew Guglielmi, NYSDEC, Office of General Counsel

Mayor Nicola Armacost, Hastings-On-Hudson Trustee Morgan Fleisig, Hastings-On-Hudson

Village Manager Mary Beth Murphy, Hastings-On-Hudson

Michael Facelle, P.E. Westchester County

Rachel Noe, Westchester County

Jim Lucari, BP

Michael Daneker, Arnold & Porter

Martha Gopal, Sovereign Consulting Inc.

# FORMER ANACONDA WIRE AND CABLE PLANT SITE (a.k.a. HARBOR AT HASTINGS SITE) OU1 NYSDEC SITE 360022 MONTHLY PROGRESS REPORT 194

PREPARED BY: Atlantic Richfield Company

**Paul Johnson** 

REPORTING PERIOD: July 1, 2021 through July 31, 2021

#### 1. PROGRESS MADE THIS REPORTING PERIOD:

- As agreed with NYSDEC, DNAPL gauging and recovery were not performed in July 2021 due to expected excessive heat throughout the month.
- Progress continued on these on-going design-related activities:
  - o Received approval letter dated July 30<sup>th</sup>, 2021 for the Final *Basis of Design Report* for Compensatory Wetland Construction dated June 23<sup>rd</sup>, 2021.
  - o Received approval letter dated July 30<sup>th</sup>, 2021 for the Final *Basis of Design Report* for Old Marina and Kinnally Cove Dredging and Restoration on June 23<sup>rd</sup>, 2021.
  - o Meeting with NYSDEC on wetland inlet / outlet structure July 28th, 2021.
  - o Shoreline modeling efforts are in progress.
  - o SPDES Permit Equivalent Application
  - o Water Quality Monitoring Plan
  - o Community Air Monitoring Plan
  - o Community Environmental Response Plan

#### 2. UNANTICIPATED PROBLEM AREAS AND RECOMMENDED SOLUTIONS

• None this reporting period.

#### 3. PROBLEMS RESOLVED

None this reporting period.

#### 4. <u>DELIVERABLES SUBMITTED / RECEIVED</u>

- July 6<sup>th</sup>, 2021, Atlantic Richfield to NYSDEC: *Hastings June 2021 Monthly Progress Report*.
- July 30<sup>th</sup>, 2021, NYSDEC to Atlantic Richfield: approval of *Basis of Design Submittal* for Compensatory Wetland in OU-1.
- July 30<sup>th</sup>, 2021, NYSDEC to Atlantic Richfield: approval of *Basis of Design Submittal* for Old Marina/Kinnally Cove in OU-2.

#### 5. UPCOMING EVENTS / ACTIVITIES PLANNED

- Scheduling of subsequent gauging and recovery events will be dependent on the developing COVID-19 situation and AR will continue to communicate with NYSDEC regarding schedule. The tentative schedule is outlined below.
- The next three DNAPL gauging and recovery events are tentatively scheduled to occur the weeks of August 16<sup>th</sup>, September 7<sup>th</sup>, and October 4<sup>th</sup>, 2021.
- Continue the Water Tower LNAPL IRM activities, as allowable, in accordance with the IRM Work Plan (Fluor Daniel GTI, December 1997), Fluor Daniel GTI correspondence to the NYSDEC dated May 18, 1998 and Atlantic Richfield correspondence with the NYSDEC on September 2, 2010. The upcoming LNAPL IRM events are tentatively scheduled to occur the week of August 16<sup>th</sup>, 2021 and the week of December 6<sup>th</sup>, 2021 in accordance with the schedule modification request, from monthly to quarterly, sent by Atlantic Richfield to NYSDEC on June 4, 2012, and the approval letter received from NYSDEC dated April 2, 2013.

#### 6. KEY STAFFING

- Sovereign Consulting Inc.
- Parsons Environment and Infrastructure Group, Inc. (OM&M and Security)

#### 7. PERCENTAGE COMPLETE

- DNAPL gauging and recovery ongoing
- LNAPL IRM ongoing

#### 8. DATA

• Final data not generated during this reporting period.

#### 9. CITIZEN PARTICIPATION ACTIVITIES

• None this reporting period.

### **LIST OF ACRONYMS**

Acronym Description

NYSDEC New York State Department of Environmental

Conservation

LNAPL Light Non-Aqueous Phase Liquid

DNAPL Dense Non-Aqueous Phase Liquid

OU Operable Unit

IRM Interim Remedial Measure

O&M Operations and Maintenance

#### **LIST OF REFERENCES**

FLUOR Daniel GTI, 1997. <u>Draft Interim Remedial Measure Work Plan – Separate Phase Liquid Recovery.</u> December.

	Data	Depth to Product (ft)	Product Apparent Height -	Product Apparent Height -	Approximate Volume of	Days Elapsed Between	Measurement Tool	Popovoru Propoduro Hood
MW-12	Date Cumulative 10/9/2006 - 7/29/2010	Deptil to Floduct (it)	Pre-pumping (ft)	Post-pumping (ft)	Product Recovered (gallons) <sup>3</sup> 5.0	Measurement Readings	Used	Recovery Procedure Used
IVI VV-12	Cumulative 10/9/2006 - 7/29/2010	-	-	-	5.0	•	-	-
		TOTAL VOLUME REC	COVERED TO DATE FR	OM MW-12 (GALLONS)	5.0			
HAOW-12A	Cumulative 3/2/2009 - 12/10/2018				49.7		DMT <sup>4</sup>	
	1/14/2019	42.9	0.7	_	-	35	DMT <sup>4</sup>	_
	2/4/2019	42.3	1.3	_	_	21	DMT <sup>4</sup>	_
	3/11/2019	42.4	1.2	_	_	35	DMT <sup>4</sup>	-
	4/1/2019	42.6	1.0	_	_	21	DMT <sup>4</sup>	-
	5/6/2019	42.5	1.1	-	-	35	DMT ⁴	-
	6/3/2019	42.4	1.2	-	-	28	DMT ⁴	-
	8/5/2019	42.5	1.1	-	-	63	DMT ⁴	-
	9/9/2019	42.4	1.2	-	-	35	DMT <sup>4</sup>	-
	10/7/2019	42.6	1.0	-	-	28	DMT ⁴	1
	11/4/2019	42.4	1.2	-	-	28	DMT <sup>4</sup>	-
	12/2/2019			NAPL pumping not requir	red to be completed		-	-
	1/13/2020	42.6	1.0	-	-	70	DMT <sup>4</sup>	-
	2/3/2020	42.4	1.2	-	-	21	DMT <sup>4</sup>	ı
	3/2/2020	42.9	0.7	-	-	28	DMT <sup>4</sup>	=
	4/6/2020		DNAPL p	umping not completed du	ue to COVID-19 restrictions		-	-
	5/4/2020		DNAPL p	umping not completed du	ue to COVID-19 restrictions		-	-
	6/1/2020				ue to COVID-19 restrictions		-	-
	7/6/2020	42.8	0.8	- '	-	126	DMT ⁴	-
	8/3/2020	42.6	1.0	-	-	28	DMT ⁴	-
	9/8/2020	42.6	1.0	-	-	36	DMT ⁴	-
	10/5/2020	42.6	1.0	-	-	27	DMT <sup>4</sup>	-
	11/2/2020	42.5	1.1	-	-	28	DMT⁴	-
	12/7/2020	42.7	0.9	-	_	35	DMT <sup>4</sup>	-
	1/4/2021	42.7	0.9	_	-	28	DMT ⁴	-
	2/1/2021			ning not completed due t	to adverse weather conditions		_	_
	3/1/2021	42.6	1.0	-	-	56	DMT 4	
	4/5/2021	42.4	1.2	_	_	35	DMT <sup>4</sup>	
	5/3/2021	42.6	1.0	-	-	28	DMT <sup>4</sup>	-
	6/7/2021	42.6	1.0	_	_	35	DMT <sup>4</sup>	-
	7/5/2021	72.0			to adverse weather conditions	00	5	-
	770/2021		Divi L pair	ping not completed due	daverse weather conditions		-	
	TO	TAL VOLUME RECOV	ERED TO DATE FROM	HAOW-12A (GALLONS)	49.7			
HARW-1	Cumulative 9/29/2010 - 12/10/2018	-	-	-	0.0	-		
HARW-1	Cumulative 9/29/2010 - 12/10/2018 1/14/2019	No product detected	0.0	-	0.0	35	DMT <sup>4</sup>	
HARW-1	1/14/2019	No product detected No product detected	0.0	-	0.0 - -	35 21	DMT <sup>4</sup>	- -
HARW-1	1/14/2019 2/4/2019	No product detected	0.0	- - -	0.0 - - -	21	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	- - -
HARW-1	1/14/2019	No product detected No product detected		-	- - - -		DMT <sup>4</sup>	-
HARW-1	1/14/2019 2/4/2019 3/11/2019	No product detected	0.0 0.0	- - - -	-	21 35	DMT <sup>4</sup>	-
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019	No product detected No product detected No product detected	0.0 0.0 0.0	-	-	21 35 21	DMT <sup>4</sup> DMT <sup>4</sup>	-
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019	No product detected No product detected No product detected No product detected	0.0 0.0 0.0 0.0	-	-	21 35 21 35	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	-
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019	No product detected No product detected No product detected No product detected No product detected	0.0 0.0 0.0 0.0 0.0	-	-	21 35 21 35 28	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	-
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019	No product detected No product detected No product detected No product detected No product detected No product detected	0.0 0.0 0.0 0.0 0.0 0.0	-	-	21 35 21 35 28 63	DMT <sup>4</sup>	-
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		-	21 35 21 35 28 63 35	DMT <sup>4</sup>	- - - -
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	-	-	21 35 21 35 28 63 35 28 28	DMT <sup>4</sup>	- - - -
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 1/13/20019	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		-	21 35 21 35 28 63 35 28 28 28	DMT <sup>4</sup>	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		-	21 35 21 35 28 63 35 28 28 28 28	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 3/2/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0			21 35 21 35 28 63 35 28 28 28	DMT <sup>4</sup>	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 1/3/2020 2/3/2020 3/2/2020 4/6/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		ed to be completed	21 35 21 35 28 63 35 28 28 28 28	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/3/2020 3/2/2020 4/6/2020 5/4/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		et to COVID-19 restrictions	21 35 21 35 28 63 35 28 28 28 28	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		ed to be completed	21 35 21 35 28 63 35 28 28 28 28 28	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		et to COVID-19 restrictions	21 35 21 35 28 63 35 28 28 28 28 28	DMT 4 DMT 5 DMT 6 DMT 6 DMT 7 DMT 7 DMT 8 DMT 9	
HARW-1	1/14/2019 2/4/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/13/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		et to COVID-19 restrictions	21 35 21 35 28 63 35 28 28 28 70 21 28	DMT 4	
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HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 11/2/2019 1/13/2020 2/3/2020 4/6/2020 5/4/2020 6/11/2020 7/6/2020 8/3/2020 9/8/2020 1/0/5/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		et to COVID-19 restrictions	21 35 21 35 28 63 35 28 28 28 28 28 28 21 28 21 28 28 27	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 9/5/2019 9/5/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2020 3/2/2020 4/6/2020 5/4/2020 6/11/2020 6/1/2020 9/8/2020 10/5/2020 11/5/2020 11/5/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		et to COVID-19 restrictions	21 35 21 35 28 63 35 28 28 28 70 21 28 126 28 22 27 28	DMT 4	
HARW-1	1/14/2019 2/4/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/13/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 6/1/2020 9/8/2020 10/5/2020 11/2/2020 11/2/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		et to COVID-19 restrictions	21 35 21 35 28 63 35 28 28 28 70 21 28 126 28 36 27 28 35	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/2/2019 11/3/2020 3/2/2020 4/6/2020 5/4/2020 6/11/2020 7/6/2020 8/3/2020 9/8/2020 11/2/2020 11/2/2020 11/2/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		ed to be completed	21 35 21 35 28 63 35 28 28 28 70 21 28 126 28 22 27 28	DMT 4	
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HARW-1	1/14/2019 2/4/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 9/5/2019 9/5/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 3/2/2020 4/6/2020 5/4/2020 6/11/2020 6/1/2020 9/8/2020 10/5/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		ed to be completed	21 35 21 35 28 63 35 28 28 70 21 28 126 28 29 21 28 28	DMT 4	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 6/1/2020 10/5/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 12/7/2020 11/2/2020 12/7/2020 14/2021	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		ed to be completed	21 35 21 35 28 63 35 28 28 28 70 21 28 426 28 36 27 28 36 27 28 35 28	DMT 4 DMT 5 DMT 4 DMT 6 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 9	
HARW-1	1/14/2019 2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 11/2/2020	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	VAPL pumping not require	ed to be completed	21 35 21 35 28 63 35 28 28 28 70 21 28 126 28 36 27 28 36 27 28 36 37 37 38 39 30 30 30 30 30 30 30 30 30 30	DMT 4 DMT 5 DMT 4 DMT 5 DMT 4	
HARW-1	1/14/2019 2/4/2019 2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 11/3/2020 2/3/2020 4/6/2020 6/1/2020 6/1/2020 9/8/2020 11/2/2021 1/2/2021 3/1/2021	No product detected	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	VAPL pumping not require	ed to be completed	21 35 21 35 28 63 35 28 28 70 21 28 126 28 28 29 21 28 28 36 27 28 35 28 36 37 37 38 38 39 30 30 30 30 30 30 30 30 30 30	DMT 4	

SOVEREIGN CONSULTING INC. Page 1 of 5

1								
	Date	Depth to Product (ft)	Product Apparent Height - Pre-pumping (ft)	Product Apparent Height - Post-pumping (ft)	Approximate Volume of Product Recovered (gallons) <sup>3</sup>	Days Elapsed Between Measurement Readings	Measurement Tool Used	Recovery Procedure Used
HARW-2	Cumulative 9/29/2010 - 12/10/2018				812.3	-	-	-
mann-2	1/14/2019	38.8	1.3		-	35	DMT <sup>4</sup>	-
	2/4/2019	38.0	2.0	0.08	5	21	DMT <sup>4</sup>	double diaphragm pump
	3/11/2019	38.8	1.2	-		35	DMT <sup>4</sup>	- -
	4/1/2019	38.5	1.5	-	-	21	DMT ⁴	-
	5/6/2019	36.8	3.2	0.25	7.6	35	DMT <sup>4</sup>	double diaphragm pump
	6/3/2019	38.8	1.3	-	-	28	DMT <sup>4</sup>	-
	8/5/2019	36.8	3.2	0.25	7.6	63	DMT <sup>4</sup>	double diaphragm pump
	9/9/2019	38.5	1.5	-	-	35	DMT <sup>4</sup>	-
	10/7/2019	37.8	2.3	0.08	5.7	28	DMT ⁴	double diaphragm pump
	11/4/2019	39.8	0.2			28	DMT ⁴	-
	12/2/2019			NAPL pumping not require	ed to be completed		-	-
	1/13/2020	38.6	1.4			70	DMT <sup>4</sup>	-
	2/3/2020	37.0	3.0	0.67	6.1	21	DMT <sup>4</sup>	-
	3/2/2020	38.6	1.4			28	DMT 4	-
	4/6/2020				ue to COVID-19 restrictions		-	-
	5/4/2020		DNAPL p	umping not completed du	ue to COVID-19 restrictions		-	-
	6/1/2020				ue to COVID-19 restrictions		- DMT4	
	7/6/2020	35.2	4.8	0.08	12.4	126	DMT <sup>4</sup>	double diaphragm pump
	8/3/2020	39.0	1.0	-		28	DMT <sup>4</sup>	-
	9/8/2020	38.4	1.6			36	DMT <sup>4</sup>	
	10/5/2020	37.8	2.3	0.00	5.9	27		double diaphragm pump
	11/2/2020	39.5	0.5			28	DMT <sup>4</sup>	-
	12/7/2020	39.1	0.9			35	DMT <sup>4</sup>	-
	1/4/2021	38.0	2.0	0.08	5	28	DMT <sup>4</sup>	double diaphragm pump
	2/1/2021	20.0			to adverse weather conditions	EC.	DMT <sup>4</sup>	- -
	3/1/2021 4/5/2021	39.0 38.3	1.0 1.8			56 35	DMT <sup>4</sup>	double diaphragm pump
	5/3/2021	37.3	2.7	0.08	6.7	28	DMT <sup>4</sup>	double diaphroam numn
		39.2	0.8	0.06		35	DMT <sup>4</sup>	double diaphragm pump
	6/7/2021 7/5/2021	39.2		ning not completed due	to adverse weather conditions	35	DIVIT	-
	11312021		DIVAL E PUIII	ping not completed due	to adverse weather conditions			-
		TOTAL VOLUME RECO	OVERED TO DATE FRO	M HARW-2 (GALLONS)	874.3			
				i i				
HARW-3	Cumulative 10/14/2010 - 12/10/2018	-		-	28.6	-	-	-
	1/14/2019	38.7	0.3	-	-	35	DMT <sup>4</sup>	-
	2/4/2019	38.7	0.3	-	-	21	DMT <sup>4</sup>	-
			0.0		-		DIVIT	-
	3/11/2019	38.6	0.4	-	-	35	DMT <sup>4</sup>	-
				-	-			
	3/11/2019	38.6	0.4	- - -	-	35	DMT <sup>4</sup>	-
	3/11/2019 4/1/2019	38.6 38.8	0.4 0.3 0.3		-	35 21	DMT <sup>4</sup>	-
	3/11/2019 4/1/2019 5/6/2019 6/3/2019	38.6 38.8 38.8 38.6	0.4 0.3 0.3 0.4	-	- - -	35 21 35 28	DMT <sup>4</sup> DMT <sup>4</sup>	- - - -
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019	38.6 38.8 38.8 38.6 38.5	0.4 0.3 0.3 0.4 0.5	-	-	35 21 35 28 63	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	- - -
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019	38.6 38.8 38.8 38.6 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7	-	- - - -	35 21 35 28 63 35	DMT <sup>4</sup>	- - - - -
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019	38.6 38.8 38.8 38.6 38.5 38.3 38.3	0.4 0.3 0.3 0.4 0.5 0.7	-	-	35 21 35 28 63 35 28	DMT <sup>4</sup>	
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019	38.6 38.8 38.8 38.6 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5		-	35 21 35 28 63 35	DMT <sup>4</sup>	
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019	38.6 38.8 38.8 38.6 38.5 38.3 38.3	0.4 0.3 0.3 0.4 0.5 0.7 0.5	-	-	35 21 35 28 63 35 28	DMT <sup>4</sup>	
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/13/2020	38.6 38.8 38.6 38.6 38.5 38.3 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.5	- - - - - NAPL pumping not requir	-	35 21 35 28 63 35 28 28 28	DMT <sup>4</sup>	
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7	- - - - - NAPL pumping not requir -		35 21 35 28 63 35 28 28 28	DMT <sup>4</sup>	-
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/3/2020 2/3/2020	38.6 38.8 38.6 38.6 38.5 38.3 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7	- - - - - - NAPL pumping not requin - -		35 21 35 28 63 35 28 28 28	DMT <sup>4</sup>	-
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1//3/2020 3/2/2020 4/6/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7	VAPL pumping not requir	ed to be completed	35 21 35 28 63 35 28 28 28	DMT <sup>4</sup>	-
	3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 12/2/2019 1/3/2020 2/3/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 DNAPL pt	NAPL pumping not requires		35 21 35 28 63 35 28 28 28	DMT <sup>4</sup> - DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 4/6/2020 5/4/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 DNAPL pt	NAPL pumping not requires	ed to be completed	35 21 35 28 63 35 28 28 28	DMT <sup>4</sup> - DMT <sup>4</sup> - DMT <sup>4</sup> DMT <sup>4</sup> - DMT <sup>4</sup>	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1//3/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 DNAPL pi DNAPL pi DNAPL pi DNAPL pi DNAPL pi		ed to be completed	35 21 35 28 63 35 28 28 28 28	DMT <sup>4</sup> - DMT <sup>4</sup> DMT <sup>4</sup> - DMT <sup>4</sup> - DMT <sup>4</sup> - DMT <sup>4</sup> - DMT <sup>4</sup>	-
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020	38.6 38.8 38.8 36.6 38.5 38.3 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.5 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7 0.7		ed to be completed	35 21 35 28 63 35 28 28 28 70 21 28	DMT <sup>4</sup>	-
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6	NAPL pumping not require	ed to be completed	35 21 35 28 63 35 28 28 28 28 28 28	DMT 4 DMT 4 DMT 4 DMT 4 DMT 4 DMT 4 DMT 8 DMT 9 DMT 4 DMT 4 DMT 5 DMT 4 DMT 6 DMT 6 DMT 6 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 8 DMT 9	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/3/2020 3/2/2020 4/6/2020 5/4/2020 5/4/2020 7/6/2020 8/3/2020 9/8/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.3 38.5 38.3 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 DNAPL pt DNAPL pt DNAPL pt DNAPL pt 0.5 0.6 0.5		ed to be completed	35 21 35 28 63 35 28 28 28 21 21 22 28	DMT <sup>4</sup>	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 9/8/2020 10/5/2020	38.6 38.8 38.8 36.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.04 0.5 0.7 0.5 0.7 0.5 0.7 0.6 0.6 0.6		ed to be completed	35 21 35 28 63 35 28 28 28 21 22 28 28 28 28	DMT <sup>4</sup>	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 10/5/2020 11/2/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.8 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9	VAPL pumping not require	ed to be completed	35 21 35 28 63 35 28 28 28 21 21 22 28 22 28 27 28	DMT 4 DMT 5 DMT 4	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 4/6/2020 6/1/2020 7/6/2020 8/3/2020 9/8/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.07 0.5 0.7 0.5 0.00 0.7 0.5 0.6 0.6 0.5 0.6 0.5 0.6 0.5 0.5 0.6		ed to be completed	35 21 35 28 63 35 28 28 28 21 22 21 28 28 28 27 28	DMT 4 DMT 5 DMT 4	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/3/2020 2/3/2020 4/6/2020 5/4/2020 6/11/2020 7/6/2020 9/8/3/2020 11/2/2020 11/2/2020 11/2/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.07 0.5 0.7 0.5 0.00 0.7 0.5 0.6 0.6 0.5 0.6 0.5 0.6 0.5 0.5 0.6		et to COVID-19 restrictions ue to COVID-19 restrictions	35 21 35 28 63 35 28 28 28 21 22 21 28 28 28 27 28	DMT 4 DMT 4 DMT 4 DMT 4 DMT 4 DMT 4 DMT 5 DMT 6 DMT 7 DMT 7 DMT 7 DMT 6 DMT 6 DMT 6 DMT 7 DMT 7 DMT 6 DMT 7 DMT 6 DMT 7	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/4/2021 2/1/2020	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.6 0.6 0.5 0.6 0.5 0.5 0.6 0.5 0.5 0.5 0.6		et to COVID-19 restrictions ue to COVID-19 restrictions	35 21 35 28 63 35 28 28 28 21 28 21 28 28 22 28 27 28 28 28 28 28 28 28 28 28 28 28 28 28	DMT 4 DMT 4 DMT 4 DMT 4 DMT 5 DMT 4 DMT 4 DMT 5 DMT 4 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 8 DMT 9	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 4/6/2020 6/1/2020 6/1/2020 7/6/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 12/7/2020 11/2/2020 12/7/2020 13/7/2020 13/7/2020 13/7/2020 14/7/2021	38.6 38.8 38.8 38.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.6 0.7 0.7 0.6 0.7 0.7 0.7 0.7 0.8 0.8 0.8 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9 0.9		ed to be completed	35 21 35 28 63 35 28 28 28 27 21 28 126 28 36 27 28 35 28	DMT 4 DMT 4 DMT 4 DMT 4 DMT 4 DMT 4 DMT 5 DMT 6 DMT 7 DMT 7 DMT 7 DMT 6 DMT 6 DMT 6 DMT 7 DMT 7 DMT 7 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 9	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/1/3/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 5/4/2020 6/1/2020 7/6/2020 11/2/2021	38.6 38.8 38.8 36.6 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.8 0.9 0.8 0.8 0.5 0.8		ed to be completed	35 21 35 28 63 35 28 28 28 70 21 28 28 70 21 28 36 27 28 35 28 35 28 36 37 35 38 37 38 38 38 38 38 38 38 38 38 38 38 38 38	DMT 4 DMT 4 DMT 4 DMT 4 DMT 5 DMT 4 DMT 4 DMT 5 DMT 4 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 8 DMT 9	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/3/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 6/1/2020 11/2/2021 3/1/2021	38.6 38.8 38.8 38.6 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.8 0.9 0.8 0.8 0.5 0.8		ed to be completed	35 21 35 28 63 35 28 28 28 28 70 21 28 28 28 28 28 28 36 27 28 35 28 35 28 36 27 28 35 28	DMT 4 DMT 6 DMT 7 DMT 6 DMT 7 DMT 6 DMT 6 DMT 6 DMT 6 DMT 7	
	3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 8/5/2019 9/9/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/3/2020 2/3/2020 4/6/2020 6/1/2020 6/1/2020 10/5/2020 11/2/2020	38.6 38.8 38.8 38.6 38.5	0.4 0.3 0.3 0.4 0.5 0.7 0.5 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.7 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.6 0.5 0.8 0.9 0.8 0.8 0.5 0.8		ed to be completed	35 21 35 28 63 35 28 28 28 28 70 21 28 28 28 28 28 28 36 27 28 35 28 35 28 36 27 28 35 28	DMT 4 DMT 6 DMT 7 DMT 6 DMT 7 DMT 6 DMT 6 DMT 6 DMT 6 DMT 7	

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	Date	Depth to Product (ft)	Product Apparent Height - Pre-pumping (ft)	Product Apparent Height - Post-pumping (ft)	Approximate Volume of Product Recovered (gallons) <sup>3</sup>	Days Elapsed Between Measurement Readings	Measurement Tool Used	Recovery Procedure Used
IARW-4	Cumulative 10/14/2010 - 12/10/2018	- 1	-	-	213.8	-	-	-
	1/14/2019	40.4	0.6			35	DMT <sup>4</sup>	-
	2/4/2019	40.4	0.6			21	DMT <sup>4</sup>	-
	3/11/2019	40.3	0.8			35	DMT <sup>4</sup>	=
	4/1/2019	39.8	1.2			21	DMT <sup>4</sup>	=
	5/6/2019	40.0	1.0			35	DMT ⁴	-
	6/3/2019	40.0	1.0			28	DMT ⁴	-
	8/5/2019	39.8	1.2			63	DMT ⁴	-
	9/9/2019	39.8	1.3			35	DMT ⁴	-
	10/7/2019	39.6	1.4			28	DMT <sup>4</sup>	1
	11/4/2019	39.4	1.6			28	DMT <sup>4</sup>	-
	12/2/2019		DI	NAPL pumping not require	red to be completed		-	-
	1/13/2020	39.7	1.3			70	DMT <sup>4</sup>	ī
	2/3/2020	39.7	1.3			21	DMT ⁴	-
	3/2/2020	40.3	0.7			28	DMT <sup>4</sup>	ī
	4/6/2020				ue to COVID-19 restrictions		-	-
	5/4/2020		DNAPL p	umping not completed du	ue to COVID-19 restrictions		-	·
	6/1/2020				ue to COVID-19 restrictions		-	-
	7/6/2020	39.8	1.3			126	DMT <sup>4</sup>	-
	8/3/2020	37.5	1.5			28	DMT <sup>4</sup>	-
	9/8/2020	37.5	1.5			36	DMT <sup>4</sup>	-
	10/5/2020	37.3	1.8			27	DMT <sup>4</sup>	-
	11/2/2020	37.3	1.8			28	DMT <sup>4</sup>	-
	12/7/2020	37.0	2.0	0.00	5.2	35	DMT <sup>4</sup>	double diaphragm pump
	1/4/2021	38.1	0.9			28	DMT <sup>4</sup>	-
	2/1/2021	07.0			to adverse weather conditions	50	DMT <sup>4</sup>	-
	3/1/2021	37.8	1.2			56 35	DMT <sup>4</sup>	-
	4/5/2021 5/3/2021	38.0 37.8	1.0			35 28	DMT <sup>4</sup>	-
							DMT <sup>4</sup>	
	6/7/2021 7/5/2021	38.0	1.0	ning not completed due	to adverse weather conditions	35	- DM1	-
				-	-			
		TOTAL VOLUME DECO	OVEDED TO DATE EDO	M HADWA (CALLONS)	210.0			,
JADIM E		TOTAL VOLUME RECO	OVERED TO DATE FRO	M HARW-4 (GALLONS)	219.0			
ARW-5	Cumulative 7/18/2011 - 12/11/2018	-		-	1036.4	- 24	- DMT <sup>4</sup>	daubia di mbaana ayaa
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019	36.6	3.7	- 0.1	1036.4 9.4	- 34	- DMT <sup>4</sup>	double diaphragm pump
IARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019	36.6 38.1	3.7 2.2	0.1 0.1	1036.4 9.4 5.4	21	DMT <sup>4</sup>	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019	- 36.6 38.1 36.6	3.7 2.2 3.7	- 0.1 0.1 0.1	1036.4 9.4 5.4 9.4	21 35	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019	36.6 38.1 36.6 38.3	3.7 2.2 3.7 2.0	0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0	21 35 22	DMT <sup>4</sup> DMT <sup>4</sup>	double diaphragm pump double diaphragm pump double diaphragm pump
HARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019	36.6 38.1 36.6 38.3 36.7	3.7 2.2 3.7 2.0 3.6	0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1	21 35 22 35	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
HARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019	36.6 38.1 36.6 38.3 36.7 37.3	3.7 2.2 2.3 2.0 3.6 3.0	0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6	21 35 22 35 28	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
IARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019	36.6 38.1 36.6 38.3 36.7 37.3 35.1	3.7 2.2 3.7 2.0 3.6 3.0 5.3	0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5	21 35 22 35 28 63	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6	21 35 22 35 28 63 35	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2	21 35 22 35 28 63 35 27	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2	21 35 22 35 28 63 35	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2	21 35 22 35 28 63 35 27	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/4/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.0 0.1 0.2 VAPL pumping not required	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed	21 35 22 35 28 63 35 27 27	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 1/3/20019	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.0 0.1 0.2 NAPL pumping not requir	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed	21 35 22 35 28 63 35 27 28	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/2/2019 11/3/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9	21 35 22 35 28 63 35 27 28 70	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 24/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/3/2020 2/3/2020 4/6/2020 5/4/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p DNAPL p	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 te to COVID-19 restrictions	21 35 22 35 28 63 35 27 28 70	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2019 12/2/2019 1/3/2020 2/3/2/2020 4/6/2020 5/4/2020 6/1/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 DNAPL p DNAPL p DNAPL p	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 te to COVID-19 restrictions te to COVID-19 restrictions te to COVID-19 restrictions	21 35 22 35 28 63 35 27 28 70 21 28	DMT 4 DMT 5	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 1/13/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/11/2020 7/6/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p DNAPL p DNAPL p	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 Le to COVID-19 restrictions	21 35 22 35 28 63 35 27 28 70 21 28	DMT 4 DMT 5 DMT 4 DMT 6 DMT 6 DMT 6 DMT 7 DMT 7 DMT 8 DMT 9	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 24/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/3/2020 2/3/2020 4/6/2020 6/1/2020 6/1/2020 8/3/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p DNAPL p DNAPL p 5.3 2.0	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 be to COVID-19 restrictions ue to COVID-19 restrictions ue to COVID-19 restrictions ue to COVID-19 restrictions 13.5 4.8	21 35 22 35 28 63 35 27 28 70 21 28	DMT 4 DMT 5 DMT 4 DMT 5 DMT 4 DMT 6 DMT 6 DMT 7 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7	double diaphragm pump
JARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 11/3/2020 2/3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 8/3/2020 9/8/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p 3.3 2.0 3.3	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 to COVID-19 restrictions te to COVID-19 restrictions	21 35 22 35 28 63 35 27 28 70 21 28	DMT 4	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 1/7/2019 1/13/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 9/8/2020 10/6/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 35.0 38.3 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 DNAPL p DNAPL p DNAPL p 5.3 2.0 3.3 2.0 3.3 2.0 3.3 2.0 3.3 2.0	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 Let to COVID-19 restrictions te to COVID-19 restrictions te to COVID-19 restrictions 13.5 4.8 8.5 5.7	21 35 22 35 28 63 35 27 28 70 21 28 126 28 36 28	DMT 4	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2019 12/2/2019 1/3/2020 3/2/2020 4/6/2020 6/1/2020 6/1/2020 8/3/2020 9/8/2020 10/6/2020 11/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p DNAPL p DNAPL p 5.3 2.0 3.3 2.0 3.3 2.0 3.3 2.0 3.3 2.0 3.3 2.0	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 se to COVID-19 restrictions se to COVID-19 restrictions se to COVID-19 restrictions 4.8 8.5 5.7 7.2	21 35 22 35 28 63 35 27 28 70 21 28 126 28 36 28 36 28	DMT 4	double diaphragm pump  double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
JARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2019 12/2/2019 11/4/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 9/8/2020 10/6/2020 11/2/2020 11/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 DNAPL p	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 te to COVID-19 restrictions	21 35 22 35 28 63 35 27 28 70 21 28 126 28 36 28 27 35	DMT 4	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 10/6/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p DNAPL p DNAPL p DNAPL p 2.0 3.3 2.0 3.3 2.0 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8 2.8	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 ue to COVID-19 restrictions ue to COVID-19 restrictions ue to COVID-19 restrictions 5 to COVID-19 restrictions 6 to COVID-19 restrictions 7.4 8 8.5 5.7 7.2 7.2 7.2 7.2	21 35 22 35 28 63 35 27 28 70 21 28 126 28 36 28 36 28	DMT 4	double diaphragm pump  double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump double diaphragm pump
IARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 24/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 4/6/2020 4/6/2020 6/1/2020 8/3/2020 9/8/2020 10/6/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 38.3 37.5		0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.6 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 be to COVID-19 restrictions be to COVID-19 restrictions be to COVID-19 restrictions be to COVID-19 restrictions countries 13.5 4.8 8.5 5.7 7.2 7.2 5.0 to adverse weather conditions	21 35 22 35 28 63 35 27 28 70 21 28 126 28 36 28 27 35 28	DMT 4	double diaphragm pump
HARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 9/8/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2020 11/4/2021 11/4/2021	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 38.3 37.5 36.6 37.5 37.5 36.7	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 DNAPL p DNAPL p DNAPL p 2.3 2.0 3.3 2.0 3.3 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7 3.7	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 te to COVID-19 restrictions	21 35 22 35 28 63 35 27 28 70 21 28 126 28 36 28 27 35 28	DMT 4 DMT 5 DMT 4 DMT 6 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 9	double diaphragm pump
JARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2020 3/2/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 6/1/2020 11/4/2020 11/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 36.3 37.5 35.0 36.3 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.6 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 be to COVID-19 restrictions be to COVID-19 restrictions be to COVID-19 restrictions be to COVID-19 restrictions countries 13.5 4.8 8.5 5.7 7.2 7.2 5.0 to adverse weather conditions	21 35 22 35 28 63 35 27 28 70 21 28 126 28 28 27 36 28 27 35 28 27 35 36 36 36 36 36 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	DMT 4	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 24/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 4/6/2020 4/6/2020 6/1/2020 6/1/2020 8/3/2020 9/8/2020 10/6/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 3/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 38.3 37.5 36.7 37.5 37.5 38.3 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 2.8 DNAPL p DNAPL p DNAPL pum 3.6 3.2 3.3 2.3 2.8 2.8 2.0 3.3 3.3 2.3 3.3 3.3 3.3 3.3 3.3 3.3 3.3	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.6 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 se to COVID-19 restrictions se to COVID-19 restrictions se to COVID-19 restrictions 13.5 4.8 8.5 5.7 7.2 7.2 7.2 5.0 to adverse weather conditions 9.4 8.2	21 35 22 35 28 63 35 27 28 70 21 28 126 28 29 20 21 28 21 28 28 36 28 36 28 36 37 28 38 39 30 30 30 30 30 30 30 30 30 30	DMT 4	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 2/4/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 2/3/2/2020 4/6/2/2020 5/4/2/2020 6/1/2020 6/1/2020 7/6/2020 8/3/2/2020 10/6/2020 11/2/2021 3/1/2021	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 36.3 37.5 35.0 36.3 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 DNAPL p DNAPL p DNAPL p 2.3 2.0 3.3 2.0 3.3 2.0 3.3 2.1 3.3 2.1 4.4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 9.4 5.4 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 to COVID-19 restrictions te to COVID-19 restrictions te to COVID-19 restrictions 13.5 4.8 8.5 5.7 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7.2 7	21 35 22 35 28 63 35 27 28 70 21 28 126 28 28 27 36 28 27 35 28 27 35 36 36 36 36 36 37 37 38 38 38 38 38 38 38 38 38 38 38 38 38	DMT 4	double diaphragm pump
ARW-5	Cumulative 7/18/2011 - 12/11/2018 1/14/2019 24/2019 3/11/2019 4/2/2019 5/7/2019 6/4/2019 6/4/2019 8/6/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 4/6/2020 4/6/2020 6/1/2020 6/1/2020 8/3/2020 9/8/2020 10/6/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 3/2/2020	36.6 38.1 36.6 38.3 36.7 37.3 35.1 36.6 37.5 37.5 35.0 38.3 37.5 35.0 38.3 37.5 35.0 38.3 37.5 36.7 37.5 37.5 38.3 37.5 37.5	3.7 2.2 3.7 2.0 3.6 3.0 5.3 3.7 2.8 2.8 DI 5.3 2.0 DNAPL p DNAPL p DNAPL p 2.3 2.0 3.3 2.0 3.3 2.0 3.3 2.1 3.3 2.1 4.4	0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1	1036.4 9.4 5.4 9.4 5.6 9.4 5.0 9.1 7.6 13.5 9.6 7.2 7.0 ed to be completed 13.7 3.9 7.4 se to COVID-19 restrictions se to COVID-19 restrictions se to COVID-19 restrictions 13.5 4.8 8.5 5.7 7.2 7.2 7.2 5.0 to adverse weather conditions 9.4 8.2	21 35 22 35 28 63 35 27 28 70 21 28 126 28 29 20 21 28 21 28 28 36 28 36 28 36 37 28 38 39 30 30 30 30 30 30 30 30 30 30	DMT 4	double diaphragm pump

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	Date	Depth to Product (ft)	Product Apparent Height - Pre-pumping (ft)	Product Apparent Height - Post-pumping (ft)	Approximate Volume of Product Recovered (gallons) <sup>3</sup>	Days Elapsed Between Measurement Readings	Measurement Tool Used	Recovery Procedure Used
HARW-6	Cumulative 7/19/2011 - 12/10/2018	-	-		0.0	-	-	-
	1/14/2019	40.1	0.7	-	-	35	DMT <sup>4</sup>	-
	2/4/2019	40.1	0.7	-	-	21	DMT <sup>4</sup>	-
	3/11/2019	40.4	0.4	-	-	35	DMT <sup>4</sup>	-
	4/1/2019	40.3	0.5	-	-	21	DMT <sup>4</sup>	-
	5/6/2019	40.3	0.5	-	-	35	DMT <sup>4</sup>	-
	6/3/2019	40.3	0.5	-	-	28	DMT <sup>4</sup>	-
	8/5/2019	40.3	0.5	-	-	63	DMT <sup>4</sup>	-
	9/9/2019	40.0	0.8	-	-	35	DMT <sup>4</sup>	-
	10/7/2019	40.2	0.6	-	-	28	DMT <sup>4</sup>	-
	11/4/2019	40.1	0.7	-	-	28	DMT ⁴	-
	12/2/2019			NAPL pumping not requir	ed to be completed		-	-
	1/13/2020	40.0	0.8	-	-	70	DMT <sup>4</sup>	-
	2/3/2020	39.8	1.0	-	-	21	DMT <sup>4</sup>	-
	3/2/2020	40.1	0.8	-	-	28	DMT <sup>4</sup>	-
	4/6/2020				ue to COVID-19 restrictions		-	-
	5/4/2020		DNAPL p	umping not completed du	ue to COVID-19 restrictions		-	-
	6/1/2020				ue to COVID-19 restrictions		-	-
	7/6/2020	40.6	0.3	-	-	126	DMT <sup>4</sup>	-
	8/3/2020	40.6	0.2	-	-	28	DMT <sup>4</sup>	-
	9/8/2020	40.4	0.4	-	-	36	DMT <sup>4</sup>	-
	10/5/2020	40.4	0.4	-	-	27	DMT <sup>4</sup>	-
	11/2/2020	40.3	0.5	-	-	28	DMT <sup>4</sup>	-
	12/7/2020	40.3	0.5	-	-	35	DMT <sup>4</sup>	-
	1/4/2021	40.1	0.7	<u> </u>		28	DMT <sup>4</sup>	-
	2/1/2021	40.4		ping not completed due t	to adverse weather conditions			-
	3/1/2021	40.1	0.7	-	-	56	DMT <sup>4</sup>	-
	4/5/2021	40.1	0.8	-	-	35	DMT <sup>4</sup>	-
	5/3/2021	40.6	0.2	-	-	28	DMT <sup>4</sup>	-
	6/7/2021 7/5/2021	40.6	0.3	-	to adverse weather conditions	35	DMT <sup>4</sup>	-
							-	-
		TOTAL VOLUME RECO	OVERED TO DATE FRO	M HARW-6 (GALLONS)	0.0			
HARW-7	Cumulative 7/18/2011 - 12/11/2018	-	-	-	550.2	-	-	-
	1/14/2019	41.1	0.9	_		34	DMT <sup>4</sup>	_
					-			_
	2/4/2019	40.8	1.2	-	-	21	DMT <sup>4</sup>	-
	2/4/2019 3/11/2019	40.8 40.3	1.2 1.7	-	-	21 35	DMT <sup>4</sup>	-
	2/4/2019 3/11/2019 4/1/2019	40.8 40.3 39.5	1.2 1.7 2.5	0.1	6.3	21 35 21	DMT <sup>4</sup> DMT <sup>4</sup>	- - double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019	40.8 40.3 39.5 41.1	1.2 1.7 2.5 0.9	-	-	21 35 21 35	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	-
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019	40.8 40.3 39.5 41.1 41.3	1.2 1.7 2.5 0.9 0.8	- 0.1 - -	- 6.3 - -	21 35 21 35 28	DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup> DMT <sup>4</sup>	-
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019	40.8 40.3 39.5 41.1 41.3 40.3	1.2 1.7 2.5 0.9 0.8 1.7	- 0.1 - -	- 6.3 - -	21 35 21 35 28 63	DMT <sup>4</sup>	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019	40.8 40.3 39.5 41.1 41.3 40.3	1.2 1.7 2.5 0.9 0.8 1.7 2.0	- 0.1 - - - 0.3	- 6.3 - - - 4.6	21 35 21 35 28 63 36	DMT <sup>4</sup>	- double diaphragm pump -
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9	1.2 1.7 2.5 0.9 0.8 1.7 2.0	- 0.1 - -	- 6.3 - -	21 35 21 35 28 63 36 27	DMT <sup>4</sup>	double diaphragm pump  double diaphragm pump - double diaphragm pump -
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019	40.8 40.3 39.5 41.1 41.3 40.3	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1	- 0.1 - - - 0.3 -	6.3 - - - 4.6 -	21 35 21 35 28 63 36	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1	- 0.1 0.3 	- 6.3 4.6 	21 35 21 35 28 63 36 27 28	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump - double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 1/14/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5	- 0.1 - - - 0.3 -	6.3 - - - 4.6 -	21 35 21 35 28 63 36 27 28	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2019 11/4/2020 2/3/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0	0.1 - - - 0.3 - - - NAPL pumping not requir 0.1	- 6.3 4.6 	21 35 21 35 28 63 36 27 28 71	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2020 2/3/2020 3/2/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Dr 3.0 0.5	- 0.1 	- 6.3 4.6 	21 35 21 35 28 63 36 27 28	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump - double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 6/3/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 1/14/2020 2/3/2020 4/6/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 DI 3.0 0.5 1.0 DNAPL pi	0.1	6.3 4.6 - ed to be completed 7.6 - le to COVID-19 restrictions	21 35 21 35 28 63 36 27 28 71	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 1/4/4/2020 3/2/2020 4/6/2020 5/4/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi DNAPL pi DNAPL pi	0.1	6.3  4.6  - ed to be completed  7.6  - use to COVID-19 restrictions te to COVID-19 restrictions	21 35 21 35 28 63 36 27 28 71	DMT <sup>4</sup>	double diaphragm pump double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 11/4/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi DNAPL pi DNAPL pi DNAPL pi	0.1 0.3 NAPL pumping not requir 0.1 umping not completed du	6.3  4.6  ed to be completed  7.6  - to COVID-19 restrictions te to COVID-19 restrictions	21 35 21 35 28 63 36 27 28 71 20 28	DMT 4 DMT 5	double diaphragm pump  double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 1/14/2020 2/3/2020 4/6/2020 5/4/2020 6/11/2020 7/6/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 DI 3.0 0.5 1.0 DNAPL pi DNAPL pi 3.3	0.1	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28	DMT 4 DMT 5 DMT 4 DMT 6 DMT 6 DMT 7 DMT 7 DMT 8 DMT 9	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 2/3/2020 3/2/2020 4/6/2020 6/1/2020 6/1/2020 8/3/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi 3.3 0.7	0.1	6.3  4.6  ed to be completed  7.6  - ue to COVID-19 restrictions ue to COVID-19 restrictions ue to COVID-19 restrictions ue to COVID-19 restrictions	21 35 21 35 28 63 36 27 28 71 20 28	DMT 4 DMT 5 DMT 4 DMT 5 DMT 6 DMT 6 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7	double diaphragm pump  double diaphragm pump  double diaphragm pump  -  -  -  -  -  -  -  -  -  -  -  -  -
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 12/2/2019 11/4/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 9/8/2020	40.8 40.3 39.5 41.1 41.3 40.0 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi DNAPL pi 0.5 0.7 0.9	0.1	6.3  4.6  ed to be completed  7.6  to COVID-19 restrictions te to COVID-19 restrictions te to COVID-19 restrictions te to COVID-19 restrictions	21 35 21 35 28 63 36 27 28 71 20 28	DMT 4	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/14/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 D1 3.0 0.5 1.0 DNAPL pi DNAPL pi 3.3 0.7 0.9 1.6	O.1  O.3  O.3  -  NAPL pumping not require  0.1  -  umping not completed du umping not completed du umping not completed du  0.2	6.3  4.6  - ed to be completed  7.6  - ie to COVID-19 restrictions ie to COVID-19 restrictions ie to COVID-19 restrictions ie to COVID-19 restrictions  8.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27	DMT 4	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/4/4/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 11/5/2020 11/5/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 0.5 1.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi 0.7 0.9 1.6 2.0	O.1  O.3  O.3  O.1  NAPL pumping not require 0.1  umping not completed dumping not compl	- 6.3 4.6	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28	DMT 4	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 11/2/2020 11/2/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4 40.0 41.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi 0.9 1.6 2.0 0.2	O.1  O.3  O.3  -  NAPL pumping not requir  O.1  -  umping not completed dumping not comp	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28	DMT 4	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 11/2/2020 11/2/2020	40.8 40.3 39.5 41.1 41.3 40.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 D1 3.0 0.5 1.0 DNAPL pi DNAPL pi 0.7 0.9 1.6 2.0 0.2 1.2	O.1  O.3  O.3  O.1  O.1  In the property of th	6.3  4.6  - ed to be completed  7.6  - ie to COVID-19 restrictions ie to COVID-19 restrictions ie to COVID-19 restrictions ie to COVID-19 restrictions 5.0	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28	DMT 4	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 1/4/4/2020 4/6/2020 4/6/2020 6/1/2020 8/3/2020 9/8/2020 10/5/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020 11/2/2020	40.8 40.3 39.5 41.1 41.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4 40.0 41.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi 0.7 0.9 1.6 2.0 0.2 1.2 DNAPL pum	O.1  O.3  O.1  O.1  NAPL pumping not require on the pumping not completed dumping not co	6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28 36 27 28	DMT 4	double diaphragm pump  double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2020 2/3/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 9/8/2020 11/2/2020 13/1/2021	40.8 40.3 39.5 41.1 41.3 40.0 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4 40.0 41.8 40.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi 0.9 1.6 2.0 0.2 1.2 DNAPL pum 2.0	O.1  O.3  O.3  O.1  O.1  In the property of th	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28	DMT 4 DMT 5 DMT 4 DMT 6 DMT 7 DMT 7 DMT 7 DMT 7 DMT 7 DMT 8 DMT 9	double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 11/4/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/11/2020 6/1/2020 11/2/2020	40.8 40.3 39.5 41.1 41.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4 40.0 40.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 DY 3.0 0.5 1.0 DNAPL pt DNAPL pt 3.3 0.7 0.9 1.6 2.0 0.2 1.2 DNAPL pum 2.0 0.8	O.1  O.1  O.3  O.3  O.1  O.1  O.1  O.1	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28 36 27 28	DMT 4	double diaphragm pump  double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 10/5/2020 11/2/2020	40.8 40.3 39.5 41.1 41.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4 40.0 41.8 40.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5  DI 3.0 0.5 1.0  DNAPL pi DNAPL pi DNAPL pi 0.9 1.6 2.0 0.2 1.2 DNAPL pum 2.0 0.8	O.1  O.3  O.3  O.1  O.1  O.1  O.1  O.1	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28 36 27 28 36 37 28 38 39 20 21 20 21 20 21 20 21 21 21 22 23 24 25 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20	DMT 4	double diaphragm pump  double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2019 12/2/2019 11/4/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 11/2/2020	40.8 40.3 39.5 41.1 41.3 40.0 40.9 40.5 39.0 41.5 41.0 38.7 41.3 41.1 40.4 40.0 40.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi 0.9 1.6 2.0 0.2 1.2 DNAPL pum 2.0 0.8 0.8 1.3	O.1  O.3  O.3  O.1  O.3  O.1  O.1  O.1	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28 36 27 28	DMT 4	double diaphragm pump  double diaphragm pump
	2/4/2019 3/11/2019 4/1/2019 4/1/2019 5/6/2019 6/3/2019 8/5/2019 9/10/2019 10/7/2019 11/4/2019 11/4/2020 2/3/2020 3/2/2020 4/6/2020 5/4/2020 6/1/2020 7/6/2020 8/3/2020 11/2/2021 1/5/2021	40.8 40.3 39.5 41.1 41.3 40.0 40.9 40.5 41.5 41.0 38.7 41.3 41.1 40.4 40.0 41.8 40.8	1.2 1.7 2.5 0.9 0.8 1.7 2.0 1.1 1.5 Di 3.0 0.5 1.0 DNAPL pi DNAPL pi DNAPL pi 0.9 1.6 2.0 0.2 1.2 DNAPL pum 2.0 0.8 0.8 1.3	O.1  O.3  O.3  O.1  O.1  O.1  O.1  O.1	- 6.3	21 35 21 35 28 63 36 27 28 71 20 28 126 28 36 27 28 36 27 28 36 37 28 38 39 20 21 20 21 20 21 20 21 21 21 22 23 24 25 26 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20	DMT 4	double diaphragm pump  double diaphragm pump

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HASTINGS-ON-HUDSON	

	Date	Depth to Product (ft)	Product Apparent Height - Pre-pumping (ft)	Product Apparent Height - Post-pumping (ft)	Approximate Volume of Product Recovered (gallons) <sup>3</sup>	Days Elapsed Between Measurement Readings	Measurement Tool Used	Recovery Procedure Used
HARW-8	Cumulative 7/19/2011 - 12/10/2018	-	-	-	26.9	-	-	-
	1/14/2019	41.5	1.5	-	-	35	DMT <sup>4</sup>	-
	2/4/2019	41.5	1.5	-	-	21	DMT <sup>4</sup>	-
	3/11/2019	41.3	1.7	-	-	35	DMT <sup>4</sup>	-
	4/2/2019	41.0	2.0	0.3	4.6	22	DMT <sup>4</sup>	double diaphragm pump
	5/6/2019	42.3	0.7	-	-	34	DMT <sup>4</sup>	-
	6/3/2019	42.2	0.8	-	-	28	DMT <sup>4</sup>	-
	8/5/2019	41.8	1.3	-	-	63	DMT <sup>4</sup>	-
	9/9/2019	41.9	1.1	-	-	35	DMT <sup>4</sup>	-
	10/7/2019	41.6	1.4	-	-	28	DMT <sup>4</sup>	-
	11/4/2019	41.5	1.5	=	-	28	DMT <sup>4</sup>	-
	12/2/2019		DI	NAPL pumping not require	red to be completed		-	-
	1/13/2020	41.7	1.3	-	-	70	DMT <sup>4</sup>	-
	2/3/2020	42.0	1.0	-	-	21	DMT <sup>4</sup>	-
	3/2/2020	41.6	1.4	-	-	28	DMT <sup>4</sup>	-
	4/6/2020		DNAPL p	-	=			
	5/4/2020		DNAPL p	-	-			
	6/1/2020			umping not completed du	ue to COVID-19 restrictions		- ,	-
	7/6/2020	41.3	1.7	-	-	126	DMT <sup>4</sup>	<del>-</del>
	8/3/2020	40.8	2.3	0.5	4.6	28	DMT <sup>4</sup>	double diaphragm pump
	9/8/2020	42.1	0.9	-	-	36	DMT <sup>4</sup>	-
	10/5/2020	42.0	1.0	-	-	27	DMT <sup>4</sup>	-
	11/2/2020	41.9	1.1	-	-	28	DMT <sup>4</sup>	=
	12/7/2020	41.8	1.3	-	-	35	DMT <sup>4</sup>	-
	1/4/2021	41.8	1.2	-	-	28	DMT <sup>4</sup>	=
	2/1/2021		DNAPL pum	ping not completed due	to adverse weather conditions		-	-
	3/1/2021	41.8	1.3	-	-	56	DMT <sup>4</sup>	-
	4/5/2021	41.4	1.6	=	-	35	DMT <sup>4</sup>	
	5/3/2021	41.0	2.0	0.0	5.2	28	DMT ⁴	double diaphragm pump
	6/7/2021	42.8	0.2	-	-	35	DMT <sup>4</sup>	-
	7/5/2021		DNAPL pum	ping not completed due	to adverse weather conditions		-	-
			•			-		-
		TOTAL VOLUME RECO	OVERED TO DATE FRO	M HARW-8 (GALLONS)	41.3			

#### TOTAL VOLUME RECOVERED TO DATE FROM ALL WELLS (GALLONS)

3030.7

Notes: MW-12 Depth to Top of Screen: 33 ft Depth to Bottom: 36 ft

HARW-1 Depth to Top of Screen: 24 ft Depth to Bottom: 42 ft

HARW-5

Angle from Vertical: 23.5° Vertical Depth to Top of Screen: 27 ft Vertical Depth to Bottom: 40.3 ft

HAOW-12A Depth to Top of Screen: 28.6 ft Depth to Bottom: 43.6 ft

HARW-2 Depth to Top of Screen: 26 ft Depth to Bottom: 40 ft

HARW-6 Angle from Vertical: 14° Vertical Depth to Top of Screen: 26.7 ft Vertical Depth to Bottom: 40.8 ft

HARW-3 Angle from Vertical: 16.5° Vertical Depth to Top of Screen: 25.4 ft

Vertical Depth to Bottom: 39 ft HARW-7

Depth to Top of Screen: 27.5 ft Depth to Bottom: 42 ft

HARW-4

Angle from Vertical: 24.5° Vertical Depth to Top of Screen: 28.7 ft Vertical Depth to Bottom: 41 ft

HARW-8

Depth to Top of Screen: 28.5 ft Depth to Bottom: 43 ft

For historical reference to past DNAPL measurement events prior to January 2017, please refer to the January 2018 monthly report submitted to NYSDEC on 5 February 2018.

DMT = DNAPL Measurement Tool, consisting of a copper tubing handle, a spacer section to prevent the probe from contacting the sides of the well riser, and an all-thread rod probe to extend into the DNAPL.

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<sup>&</sup>lt;sup>1</sup> Reserved <sup>2</sup> Reserved

<sup>3</sup> Volume of product recovered by downwell pump is estimated by approximating the volume discharged to the drum and additional product in tubing and on pump. Volume of product recovered by bailer is estimated using the bailer volume and number of times bailed.

Volume of product recovered by double diaphragm and positive displacement piston pumps are estimated by approximating the volume discharged to the drum or by using the pre- and post-pumping apparent height of product and the well dimensions (8" diameter well).

<sup>&</sup>lt;sup>4</sup> All depth and thickness values for HARW-3, HARW-4 HARW-5 and HARW-6 are provided as vertical equivalents of the field measurements based on the angle of the installed well.