

U.S. ENVIRONMENTAL PROTECTION AGENCY
 POLLUTION/SITUATION REPORT
 Town of Pines Groundwater Plume - OU2 - Removal Polrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 Region V**

Subject: POLREP #7
 Progress - 2019 Removal Season
 Town of Pines Groundwater Plume - OU2
 B5V9
 Town of Pines, IN
 Latitude: 41.6887279 Longitude: -86.9440403

To: Doug Petroff, Project Coordinator
 Dan Sullivan, NIPSCO
 Bill Haswell, Haley & Aldrich

From: Erik Hardin, Remedial Project Manager

Date: 2/5/2020

Reporting Period: 6/04/2019 - 2/05/2020

1. Introduction

1.1 Background

Site Number: B5V9	Contract Number:
D.O. Number:	Action Memo Date: 10/15/2015
Response Authority: CERCLA	Response Type: Time-Critical
Response Lead: PRP	Incident Category: Removal Action
NPL Status: NPL	Operable Unit:
Mobilization Date: 6/6/2016	Start Date: 6/7/2016
Demob Date:	Completion Date:
CERCLIS ID: INN000505593	RCRIS ID:
ERNS No.:	State Notification:
FPN#:	Reimbursable Account #:

1.1.1 Incident Category
 Time Critical Removal

1.1.2 Site Description

See PolRep # 1

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

Mobilization back to the site for the 2019 removal work season occurred during the week of June 3, 2019. On Tuesday June 4, 2019 a safety kick off meeting was held at 0900 for the 2019 removal work season. START and IDEM attended the safety kick off meeting. The scope of the 2019 removal season was to complete removal activities at GS073.

Removal work commenced at property GS073 on June 5, 2019. Site hours during removal activities were Monday - Friday 0600 to 1700.

EPA and START continue to provide technical oversight of all sampling and removal activities on site as needed. START continues to collect a subset of split samples for comparison and validation of NIPSCO investigative and confirmation samples as needed. There are no current air monitoring and off-site borrow source activities but NIPSCO contractors will continue these activities during any additional removal work.

2.1.2 Response Actions to Date

As of June 2019 access agreements were obtained for 17 properties by NIPSCO contractors and removal work was completed at 16. Removal and restoration activities were completed at the 17th property GS073 in September 2019. The following table includes the current access, removal, and restoration status for the properties identified for remedial action:

Removal	Access		
	Removal	Restoration	Removal

Property	Signed	Countersigned	Status	Status	Season
GS012	Purchased by NIPSCO; Closed 6/17/2016		Complete	Complete	2016
GS054					
GS013	02/02/17	02/08/17	Complete	Complete	2017
GS014	05/27/16	05/31/16	Complete	Complete	2016
GS023	07/14/17	07/14/17	Complete	Complete	2017
GS028	No response to requests to discuss access		--	--	--
GS030	07/29/16	07/29/16	Complete	Complete	2016
GS042	05/25/16	05/31/16	Complete	Complete	2016
GS037	05/25/16	06/03/16	Complete	Complete	2016
GS043A	03/05/18	03/29/18	Complete	Complete	2018
GS043B	Purchased by NIPSCO; Closed 9/30/2016		Complete	Complete	2017
GS052	07/21/16	07/26/16	Complete	Complete	2016
GS072	In Negotiation		Not Started	--	--
GS073	03/21/19	03/25/19	Complete	Complete	2019
GS081A	06/03/16	06/17/16	Complete	Complete	2016
GS081B	07/27/16	07/29/16	Complete	Complete	2016
GS082	Purchase & Sale Agreement Signed 5/31/17; Purchase by NIPSCO Closed 7/6/17		Complete	Complete	2017
GS086A	10/29/16	10/31/16	Complete	Complete	2016
GS086A - Additional Area	04/21/17	04/26/17			2017
GS089A	06/09/16	06/17/16	Complete	Complete	2016
GS126	07/03/17	07/10/17	Complete	Complete	2017

2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

NIPSCO is the identified PRP

2.1.4 Progress Metrics

The following Progress Metrics are reported through December 31, 2019:

ITEM	UNIT	QUANTITY
Clean Fill Delivered	CY	88,815
Solid Waste Reused On-Site	TON	0
Water Used On-Site	GAL	1,370,664
Fuel Used On-Site (Diesel)	GAL	17,607
Electricity Used On-Site	kWh	12,134

Total truckloads of soil hauled off-site for disposal: **3,733**

The following Waste Stream Metrics are reported through December 31, 2019:

WASTE STREAM	MEDIUM	UNIT	QUANTITY	MANIFEST #	TREATMENT	DISPOSAL FACILITY	LOCATION
Soil	--	TON	63,497	--	Disposal	Forest Lawn Landfill	Three Oaks, MI
Soil	--	TON	29,019	--	Disposal	Prairie View Recycling and Disposal	Wyatt, IN
Debris	--	TON	169	--	Disposal	Forest Lawn Landfill	Three Oaks, MI

2.2 Planning Section

2.2.1 Anticipated Activities

- Continue regularly scheduled project call.

NIPSCO and their contractor, AECOM, continue to investigate properties for elevated levels of arsenic, lead and thallium.

- NIPSCO and their contractor, Haley & Aldrich, continue to negotiate access with some properties that are identified as needing a removal action.

- NIPSCO and their contractor, Haley & Aldrich, currently are working with the owner of GS072 to obtain access necessary to complete the removal work at this property.

- NIPSCO and their contractor, Haley & Aldrich, will continue to work with the owner of GS073 to address property restoration issues following the completed removal work at this property.

- NIPSCO and their contractor, Haley & Aldrich, have not received response from the owner of GS028 to discuss access for removal work.

2.2.1.1 Planned Response Activities

Sequencing of Events for Each Removal Action.

2.2.1.2 Next Steps

Continue to gain access to identified properties.

2.2.2 Issues

- The owner at GS073 requested that removal activities cease over concerns regarding impacts to a pond on the property. NIPSCO and their contractors attempted but were unable to reach an agreement with the owner to address his concerns within the scope of the Administrative Settlement Agreement and Order on Consent for Removal Action (the "Settlement") Docket Number V-W-16-C-008 (2016). Active soil removal activities ceased on July 31, 2019 per the owner's request. The owner allowed access beyond July 31, 2019 so NIPSCO and their contractors could haul the remaining stockpiled contaminated soil off site for disposal and to complete backfill of the excavation extent. Contaminated soil remaining in place was identified on the south side of the excavation extent which was documented by NIPSCO and their contractors. The remaining contaminated soil was all hauled off site and the excavation area backfilled by August 28, 2019.

- There are still properties where NIPSCO is having difficulty gaining access to properties implement the remedial plan. A list has been submitted to EPA for review and determination on additional actions needed to address these properties. ORC is currently reviewing NIPSCO documentation.

2.3 Logistics Section

No information available at this time.

2.4 Finance Section

No information available at this time.

2.5 Other Command Staff

2.5.1 Safety Officer

Entact - Jerry Overton

2.5.2 Liaison Officer

USEPA - Eileen Deamer

2.5.3 Information Officer

CIC - Sue Pastor

PIO - Adrian Palomeque

NIPSCO - Nick Meyer and Angie Nelson

3. Participating Entities

3.1 Unified Command

3.2 Cooperating Agencies

- IDEM
- Town of Pines
- National Park Service
- US Fish and Wildlife
- NIPSCO
- Haley & Aldrich
- Entact

4. Personnel On Site

Onsite Staff:

- EPA - 1

- START - 1
- NIPSCO - 3
- Haley & Aldrich - 6
- Entact - 30

5. Definition of Terms

EPA - United States Environmental Protection Agency

START - Superfund Technical Assistance and Response Team

RML - Removal Management Level

AOC - Administrative Order on Consent

mg/kg - milligrams per kilogram

RI/FS - Remedial Investigation/ Feasibility Study

6. Additional sources of information

6.1 Internet location of additional information/report

<http://www.epa.gov/superfund/town-pines-groundwater>

6.2 Reporting Schedule

As needed

7. Situational Reference Materials

No information available at this time.