



FACT SHEET

Brownfield Cleanup Program

*Receive site fact sheets by *email*. See **For More Information** to learn how.

Site Name: Allegany Bitumens Belmont Asphalt Plant

September 2012

DEC Site #: C902019

Site Address: 5392 State Route 19 N; Belmont, NY

Allegany Bitumens Update: Proposed Decision Document Recommends No Further Action at Brownfield Site; Public Comment Period 9/28 – 11/13/12



Before remediation: Allegany Bitumens site pre-remediation



After remediation: Allegany Bitumens site after remediation

Allegany Bitumens By the Numbers:

Brownfield Numbers:

5.424 acres – size of site

45 days – length of public comment period

135 tons – concrete removed from the site

2,910 tons – contaminated soil removed from the site

47,500 gallons – contaminated groundwater treated

The public is invited to comment on a DEC Proposed No Further Action Decision Document (DD) for Allegany Bitumens Belmont Asphalt Plant (“site”) located at 5392 State Route 19 N in Belmont, Allegany County. Please see **Site Location** for the map. Documents related to the cleanup of this site can be found at the location identified below under **Where to Find Information**.

Details about the Interim Remedial Measure (IRM) are provided in a report called the “Remedial Investigation Report and Interim Remedial Measures Construction Completion Report”. A report called the “Alternatives Analysis Report and Remedial Action Work Plan” evaluates any additional cleanup measures that could be conducted in addition to the recently completed IRM, if necessary. The DEC Proposed Decision Document (DD) concludes that the IRM successfully addressed contamination and no further cleanup work is required.

Highlights of the Reports

1. Describe the investigation activities completed;
2. Describe the nature and extent of contamination at the site;
3. Provide information about off-site contamination issues; and
4. Recommend whether cleanup of contamination is required.



Before remediation: Allegheny Bitumens site pre-demolition



After remediation: Allegheny Bitumens site after

How to Comment

DEC is accepting written comments concerning the Proposed No Further Action Decision Document and related investigation reports for 45 days, from September 28, 2012 through November 13, 2012. The investigation reports are available for public review at the location identified below under **Where to Find Information**. Please submit comments to the project manager listed under Project Related Questions in the **Who to Contact** area below.

No Further Action Remedy

The remediation undertaken by previous IRMs implemented between September 2011 and May 2012 include:

- Impacted soil excavation and offsite disposal in the former laboratory building area (RAOC-1), the vicinity of test borings B/MW-27 and B-31 (RAOC-2), and in the Vicinity of Test Pit TP-14, Asphalt Tank Area (RAOC-3);
- Removal, containerization, and onsite treatment/discharge or off-site disposal of groundwater entering soil excavations;
- Prior to backfill, placement of sodium lactate material in the ROAC-1 excavation and placement of agricultural-grade gypsum in the ROAC-3 excavation to treat residual impacts to groundwater;
- Excavation of a trench within the footprint of impacted groundwater that remained outside the source area excavation, and placement of additional sodium lactate material at the water table in these trenches;
- Backfill excavations with clean onsite aggregate material and clean stockpiled soils and;
- Removal of the aboveground asphalt tanks and other miscellaneous buildings and structures and debris during site demolition.

The proposed remedy will also include:

- A Final Site Grading Plan whereby the excess previously imported aggregate material that comprises the central portion of the site will be redistributed to develop more uniform site contours;
- Post-IRM quarterly groundwater monitoring to demonstrate the effectiveness of the remedy;

Allegheny Bitumens Site Timeline:

1960

Site constructed

Until 2005

Site used to manufacture asphalt

2009

December: Phase I Environmental Site Assessments (ESA) conducted by Stantec

2010

October 12: Brownfield Cleanup Agreement signed by DEC

2011 – 2012

Remedial Actions Taken

- Imposition of an environmental easement for the controlled property that will include periodic certifications and restricts the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the DOH or County DOH and;
- Requires compliance with a DEC approved Site Management Plan.

Next Steps

DEC will complete its review, make any necessary revisions and, if appropriate, approve the investigation reports and finalize the Proposed No Further Action Decision Document. The approved reports will be made available to the public (see **Where to Find Information** below).

If the Proposed Decision Document is finalized and concludes that no further remedial action is needed at the site, DEC will issue a "Certificate of Completion" to the applicant(s). Upon receiving a Certificate of Completion, the applicant(s):

- Would have no liability to the State for contamination at or coming from the site, subject to certain conditions; and
- Would be eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

The applicant(s) will be eligible to redevelop the site after receiving the Certificate of Completion from DEC. A Certificate of Completion may be modified or revoked if, for example, an applicant does not comply with the terms and conditions of its Brownfield Cleanup Agreement with DEC.

Background

Location

The former Allegheny Bitumens, Inc. and A.L. Blades and Sons, Inc. Belmont Asphalt Plant Site is located in an rural area at 5392 State Route 19 in the Town of Amity, Allegheny County. The southern limits of the site are at the intersection of Friendship Hill Road (aka Tuckers Corner Road) and Route 19. The Village of Belmont is located approximately one-half mile southeast of the property.



Before remediation: Allegheny Bitumens site pre-demolition



After remediation: Allegheny Bitumens site after

Site Features

The main site features include a soil berm along the north and easterly property line and a raw materials gravel stockpile along the westerly edge and towards the center of the property. Tucker's Creek is located along the eastern property line. Areas in the northeast corner of the property and along the slope to Tucker's Creek are heavily wooded.

Current Zoning

The 5.424 acre site is not zoned and is currently inactive. The surrounding parcels are currently used for agricultural fields and farms. The nearest residential areas are 0.25 miles, and closest public water supply wells are approximately 1600 ft east of the northeast corner of the site.

Historical Use

Until 2005 the site was used to manufacture asphalt. Prior uses that appear to have led to site contamination include an on-site laboratory, where trichloroethylene (TCE) was used as a solvent per a DOT test specification for asphalt. The plant was constructed circa 1960. Prior to that, the property was undeveloped.

A Phase I ESA was conducted in December 2009 in connection with real estate due diligence activities which documented TCE usage in, and storage at, the laboratory building, and was considered to be a "recognized environmental condition". Further investigation was recommended to evaluate the potential that a historic TCE release occurred.

A Phase II ESA conducted in December 2009 confirmed the presence of TCE and related chlorinated volatile organic compounds (CVOCs) above DEC's soil cleanup objectives (SCOs) for protection of groundwater and NYS groundwater standards in the vicinity of the former laboratory building.

Site Geology and Hydrogeology

The site is underlain by varying thicknesses of fill overlying a few to several feet of yellowish brown silts, fine grained sands and gravels. Below this are alternating layers of gray to brownish gray clayey silt, fine grained sand and silty clay.

Approximately one third of the site contains an aggregate stockpile (crushed stone and gravel products in varying grain size) overlying native soils. This material is left over raw materials from a DOT approved source which was stored on site to be used in the production of asphalt.



Before remediation: Allegany Bitumens site pre-demolition



After remediation: Allegany Bitumens site after

The shallow groundwater at the site and just north was found to occur within 0-15 feet below ground surface. The shallow groundwater flow is generally north to northeast in the northern portion of the site and east southeast in the southern portion of the site.

Additional Websites

Additional site details, including environmental and health assessment summaries, are available on DEC's website at: <http://www.dec.ny.gov/chemical/73976.html> and <http://www.dec.ny.gov/cfm/xtapps/derexternal/haz/details.cfm?pageid=3&progno=C902019>

Brownfield Cleanup Program

New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses. A brownfield is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>.

Where to Find Information

Project documents are available at the following location to help the public stay informed. For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>.

NYSDEC Region 9 Office

270 Michigan Avenue
Buffalo, NY 14203
(Please call 851-7220 for an appointment)

Belmont Library & Historical

Society Free Library
Attn: Ms Carrie Jeffords
2 Willets Avenue
Belmont, NY 14813

Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions:

Anthony Lopes, P.E.
NYS DEC, DER
270 Michigan Ave
Buffalo, NY 14203-2915
716-851-7220
alopes@gw.dec.state.ny.us

Site-Related Health Questions:

Nathan Freeman
NYS DOH
584 Delaware Ave
Buffalo, NY 14202-1295
518-402-7850
bee@health.state.ny.us

Site-Development Questions:

Mike Storonsky
Stantec
61 Commercial Street
Rochester NY 14614
(585) 413-5266
mike.storonsky@stantec.com

For More Information

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

***Receive Site Fact Sheets by Email**

Have site information such as this fact sheet sent right to your email inbox. DEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: <http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you better informed.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select. You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



Site Location

