

FINAL

**Second Five-Year Review Report
Volume II
Attachments**

**St Louis River/Interlake/Duluth Tar Site
Tar Seep OU - EPA OU 01
Soil OU – EPA OU-3**

September 2008

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Figure 1: Site Location Map

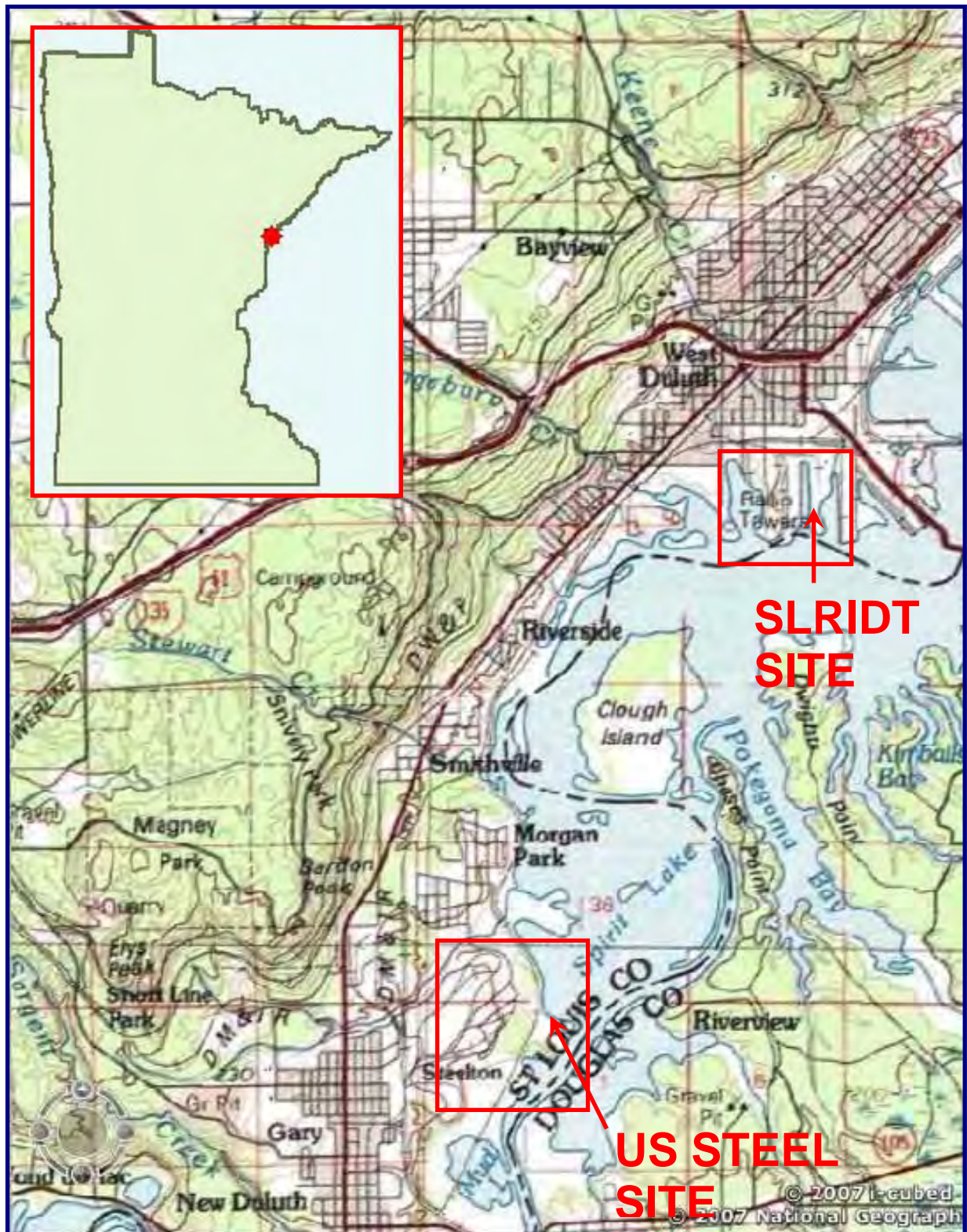


Figure 2: Operable Units/Areas of Concern

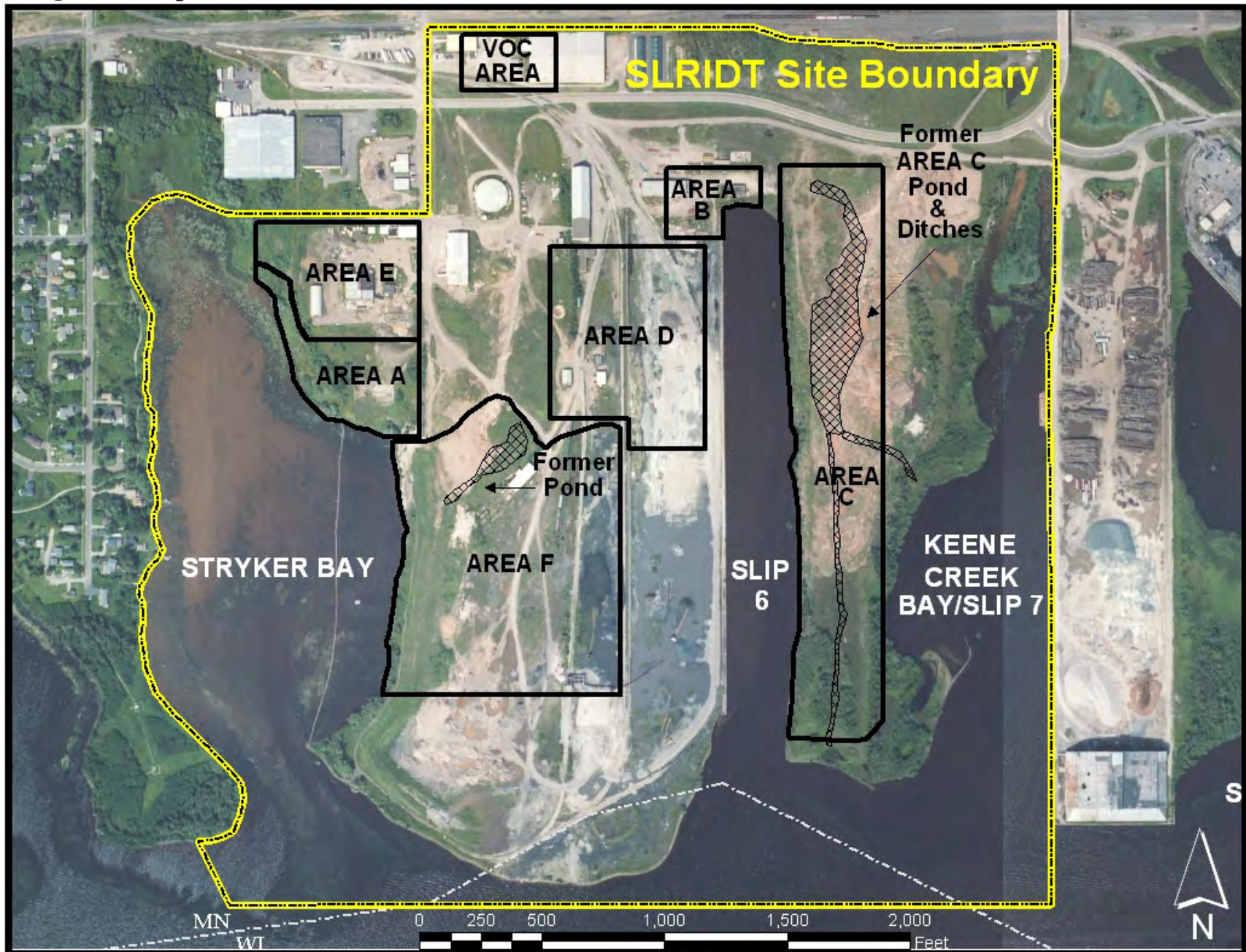
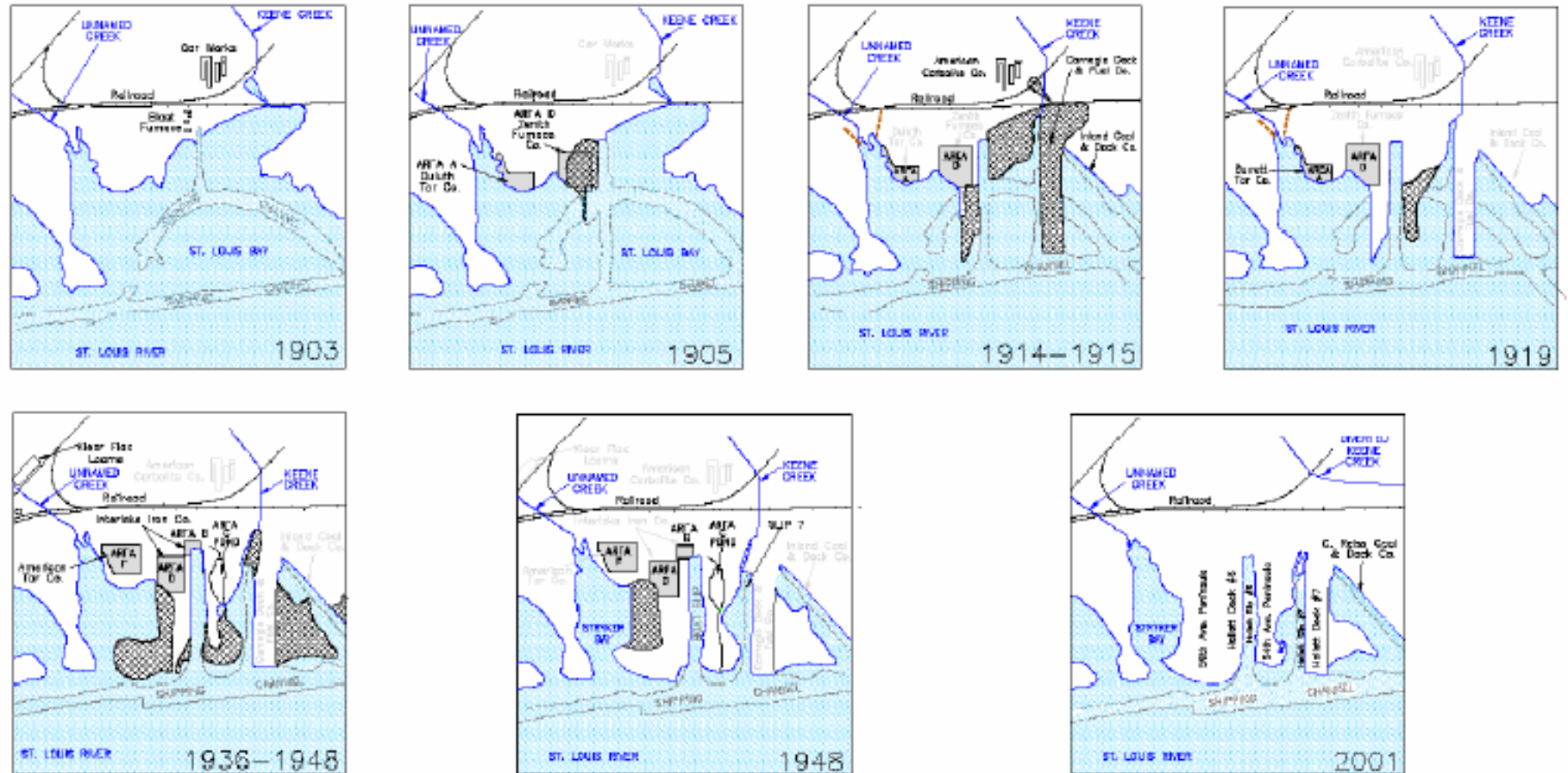


Figure 3: Historical Development of Shoreline



- LEGEND**
- SKIDWAY SEWER DISCHARGE LINES
 - SHORELINE
 - SHIPPING CHANNELS
 - NEW LAND SINCE PREVIOUS MAP

REFERENCE:

U.S. ARMY CORPS OF ENGINEERS
HARBOR MAPS 1903, 1905,
1914-15, 1919, 1924, 1948.
AERIAL PHOTO 1948.
TELECON WITH CITY OF DULUTH
SEWER DEPARTMENT.

REFERENCES: IT CORP. TELING 1-2 HISTORICAL DEVELOPMENT OF 59TH AND
54TH AVENUE PENINSULAS FILE NAME: PFLX-1.

**SERVICE
ENGINEERING
GROUP**

FIGURE GH-2-2
HISTORICAL DEVELOPMENT OF 59TH AND
54TH AVENUE PENINSULAS
SLURRY SITE
DULUTH, MINNESOTA

FILE NUMBER	DATE	REVISION DATE	DRAWN BY
FIGURE GH-2-2	4/28/97	10/8/01	PICARD/ER

Figure 4: Shoreline Buffer Zone



Figure 5: Draft Hand Auger Boring Location Map provided by Barr Engineering



ATTACHMENT 2

Public Notice and Surveys



Minnesota Pollution Control Agency

Duluth Office

August 28, 2008

To: Interested Parties

RE: Public Input Sought for the Second Five-Year Review for the St. Louis River Superfund Site

The Minnesota Pollution Control Agency (MPCA) is completing its second five-year review of the St. Louis River Superfund Site cleanup. The St. Louis River site is actually comprised of two Minnesota Superfund-listed sites: the US Steel (USS) Site, and the St. Louis River/Interlake/Duluth Tar (SLRIDT) Site. Community input in this review would be particularly helpful in two areas: 1) observations of the site over time; and 2) ways the cleanup may have helped the area.

We are interested in hearing any comments or concerns you may have regarding the site. If you have anything you would like to share, please fill out the attached form and return by mail or fax to the address below by September 16, 2008 so that we can include your input in our second five-year review report. The second five-year review will be finalized by September 24, 2008. Additional detail on the five-year review process and the St Louis River site is attached.

If you have any questions, please contact us at the numbers provided below.

Sincerely,

Ms. Susan Johnson
218-725-7762

Ms. Jane Mosel
218-529-6250

Minnesota Pollution Control Agency
525 Lake Avenue South
Suite 400
Duluth, Minnesota 55802

fax: 218-723-4727



St. Louis River Site Information

The five-year review process includes site inspections, monitoring, and investigation data review, local community-member interviews, and public comment collection. It also summarizes site information, cleanup techniques, and possible future actions.

The St. Louis River site is actually comprised of two Minnesota Superfund-listed sites:

- US Steel (USS) Site
- St. Louis River/Interlake/Duluth Tar (SLRIDT) Site

Each site has its own responsible party/parties, project team, remedies, and plans for cleaning up the remaining site contamination. The sites are combined at the federal level for administrative processes such as this review.

Superfund law requires sites such as the St. Louis River that have completed cleanup of all or part of the site but have allowable levels of contamination remaining to be checked regularly (at least every five years). This is to make sure the cleanup was effective and protective of human health and the environment. The following is a brief description of each site:

USS Site Specifications – The USS Site is located near the Morgan Park neighborhood of the City of Duluth along the St. Louis River. The USS Site is owned by US Steel of Pittsburgh, Pennsylvania, who has been identified as the party responsible for the site's cleanup.

The USS Site includes 560 acres of land and 70 acres of sediment. US Steel operated a steel mill and coke production facility from 1915 to 1979, making nails, wire and steel sign posts. Contaminants such as Polynuclear Aromatic Hydrocarbons (PAHs), Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), heavy metals, Polychlorinated Biphenyls (PCBs) and dioxins/furans were found in the soil, ground water, surface water and sediments. Most of the clean up on the land is completed and some of the creek and pond remedies were completed by 1997. The river sediments are under investigation and feasibility study is scheduled for 2009. For more information, see the USS webpage at <http://www.pca.state.mn.us/cleanup/sites/ussteel/index.html>.

SLRIDT Site Specifications - The SLRIDT Site is located in the neighborhood of West Duluth on the north bank of the St. Louis River, approximately four miles upstream from Lake Superior. It encompasses about 255 acres of land and river embayments, wetlands, and boat slips. The SLRIDT Site formerly contained pig iron and coking plants and a water/gas plant that began operation in 1904. Tar and chemical companies used by-products of the iron companies' coking operations to make other products, including tar paper and shingles. The tar and chemical companies closed operations in 1948. The iron plant closed their operations in 1961, toppling the blast furnace and emptying the coke ovens in 1962.

Contaminants such as tar, PAHs, VOCs, SVOCs cyanide, naphthalene, and heavy metals were found in the soil, ground water, surface water, and sediments as a result of past industrial operations and disposal activities. In 1991 and 1993, the MPCA identified four potential parties responsible for the cleanup: the Interlake Corporation (now known as GKN North America Services and referred to as the XIX Corporation), AlliedSignal Inc. (now known as Honeywell International Inc.), Domtar Inc., and Beazer East Inc.

Detailed information about this Site and cleanup remedies performed to date are available for review in Duluth at the West Duluth Public Library, 5830 Grand Avenue and the MPCA, 525 Lake Avenue South, Suite 400. A copy of the first five-year review is available online at www.epa.gov/region5/superfund.

St. Louis River Superfund Site Five-Year Review

Public Comment and Survey Form

Name:	Organization:
Telephone No:	Street Address:
Fax No:	City:
E-Mail Address:	State, Zip:

Questions and Comments for the:
(Please check the name of the site for which these comments apply. Use a separate form for each site.)

☐ **US Steel Site**

☐ **St. Louis River / Interlake / Duluth Tar Site**

1. What is your overall impression of the cleaned-up portions of this Superfund Site? (general sentiment)

2. What effects have completed site clean-up operations had on the surrounding community?

3. Are you aware of any community concerns regarding the site administration related to completed clean-up activities? If yes, please give details.

(Form continued on next page)

St. Louis River Superfund Site Five-Year Review

Public Comment and Survey Form-Con't

Page 2

Questions and Comments:

Name:

4. Are you aware of any events, incidents, or activities at the site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give dates, details, and outcome(s) if known.

5. Do you feel well informed about the site's completed clean-up activities and progress? Also, what is your preferred method of communication (web-page updates, public notices, public meetings, etc.)?

6. Do you have any other comments, suggestions, or recommendations regarding the site's management or operation?

**Comments should be mailed or faxed to:
Jane Mosel or Susan Johnson
Minnesota Pollution Control Agency
525 Lake Ave. S, Suite 400; Duluth, MN 55802
fax: 218-723-4727**

ATTACHMENT 3a

Site Inspection Report

Draft
SECOND FIVE-YEAR REVIEW SITE INSPECTION REPORT
St. Louis River/Interlake/Duluth Tar Site
EPA OU 01-Tar Seeps Operable Unit (TSOU)
EPA OU 03-Soil Operable Unit (SOU)
EPA OU 04-Sediment Operable Unit (SedOU)
May 5 and 9, 2008

1.0 INTRODUCTION

The Site Inspection of the SLRIDT site took place on May 5 and 9, 2008. The purpose of the inspection was to visually assess the protectiveness of the SOU remedial action. It did not include an inspection of the TSOU because it was a removal action with off-site disposal and/or reuse. Therefore, an inspection was not required. In addition, the Site Inspection did not include an inspection of the SedOU because the remedy is currently being implemented.

The inspection began with a short meeting on-site to introduce all personnel and give an overview of the inspection process and goals. A copy of the Site Inspection Attendance List for May 5, 2008 is included as Attachment 3b to the Second Five-Year Review Report. The following participants were present at the May 9, 2008 Site inspection: Jane Mosel, MPCA; Brenda Winkler, Bay West Inc. (Bay West); Terry Anderson, EBI Drilling, Inc. (EBI).

1.1 Interviews

Two environmental consultants who performed the remedial actions were present and were interviewed during the course of the May 5, 2008, Site Inspection. They were Guy Partch, with Barr Engineering Company (Barr has purchased Service Environmental Group), who performed the remediation of Areas B, C, D, F and Maurices' Parking Lot for Interlake; and Bill Gregg, with ENSR, who performed the remediation of Areas A and E for Domtar Inc. & Allied Signal Inc. One land owner, EBI, was present during the May 9, 2008 Site Inspection. Information obtained from these parties was used to complete this Site Inspection Report.

2.0 SITE INSPECTION OF SOIL OPERABLE UNIT

This section summarizes the conditions and observations of the SOU. The remedial action specified in the ROD for the SOU included the excavation of tarry soils or tar-impacted soils to 12 feet below ground surface with on-site thermal treatment or off-site landfill disposal. The ROD also specified that structures above the water table be decontaminated by scraping contaminated material from their surface.

Photographs referenced were taken during the Site Inspection activities and are attached to this report. The details of the Site Inspection observations are presented below by area. See Figure 2 (Volume II, Attachment 1 of the Second Five-Year Review Report) for an outline of each area of concern. Attachment 3c (of Volume II of the Second Five-Year Review Report) shows the locations of all photographs.

A majority of the Site is fenced and currently there is around-the-clock security consisting of the sediment contractors and/or a security guard which minimizes trespassing on the Site. However, one trespasser was noted riding his bicycle in Area A towards Area F. The sediment remediation contractors quickly responded to the

trespasser and requested that he leave the area. There was no other evidence of trespassing during the Site Inspection.

2.1 Areas A and E

Areas A and E were inspected on May 5th and 9th. Photographs 1-19 document selected observations of Areas A and E. The inspection began near the south-eastern EBI fence line. Access to the fenced area was not permitted on May 5th, so observations of Area A were through the fence only. On May 9th, EBI allowed access to Area A and the inspection was completed inside the fence.

As shown in Photographs 1 and 2, three drums and several tires were stockpiled outside the fence of Area A. The drums appeared empty.

According to the MPCA, with the exception of Areas A and E, all monitoring wells have been abandoned on the Site. Some of the existing monitoring wells are shown in Photographs 3, 4, 5, 6, and 7. The monitoring wells in Areas A and E appeared to be good condition with locking caps. ENSR indicated that wells MW-17 and MW-19 had been abandoned. ENSR agreed to provide MPCA with a record of abandonment and well status summary for all of the Area A and E wells.

A soil stockpile exists as documented by Photograph 8 in Area A near monitoring well 16. Inspection participants were unsure of the source of the pile. The pile is believed to have been placed between 2005 and Spring 2006.

During the investigations and remedial actions, no testing or excavation was performed under existing buildings. Residual contamination above clean-up levels remains in place adjacent to the foundations of some of the buildings (MPCA, 1997) because excavation could not be completed in these areas without potentially damaging the structures. No institutional controls have been placed on Area A.

According to Mr. Anderson, he has performed property upgrades that have encountered soil contamination. In the late 1990s, Mr. Anderson excavated and stockpiled approximately 30 cubic yards of impacted soils during his installation of a gas and sewer service line to two buildings (Photograph 9). Mr. Anderson also stated that he encountered residual tar on buried footings. This stockpile still remains on the property and it includes a 6-inch pipe, possibly the tar delivery pipe, which was looked for during the soil cleanup activities. A copy of the EBI interview along with a sketch identifying these features can be found in Volume II, Attachment 4b of the Second Five-Year Review Report.

Mr. Anderson stated that he has insulated, heated and leased out the Pull Barn located in the northeast corner of Area A. Residual contamination was documented adjacent to this building, and could possibly extend under the building.

Mr. Anderson is in the process of renovating his Igloo structure in the southwest corner of his property so he can lease it out. He would like to install underground utilities to the igloo but is concerned he will encounter contamination. Residual contamination was not documented in this area.

Mr. Anderson expressed his concerns regarding tar pits located in one of the on-site buildings. These buildings were filled with cars/car parts during the remedial investigation activities and the pits were not known to be present. One pit, filled with

water and tar, was observed inside of one of the buildings (see Photographs 10 and 11 and attachment 4b). It is possible that a second pit exists under flooring adjacent to the first pit. Two other small openings in the floor were also observed (Photographs 12 and 13). The smaller building to the east has openings in the concrete that appear to have been pits that are now filled in with soil (Photograph 14). A possible tank standpipe is also present in this building (Photograph 15).

Photographs 16 through 19 were taken along the Area E shoreline, where two storm sewers discharge storm waters into Stryker Bay, adjacent to the SedOU surcharge area. One storm sewer is a city storm sewer from Freemont Avenue (Photograph 16) and the second one is from Area E (Photograph 17). Erosion of the SedOU surcharge material occurred during a storm event as a result of water flowing from the storm sewers. A french drain was installed to address future storm events (Photograph 18). An oil sheen was noted in the water discharge in the Area E outfall area (Photograph 19).

2.2 Area B

Area B is located at the north end of Slip 6. Slip 6 is being used as a contaminated sediment containment system for the SedOU. The SedOU water treatment system is located in the northwest corner of Slip 6, on a portion of Area B.

As shown in Photographs 20 and 21, hardened tar present during the first Five-Year Review is still present at the northeast end of Slip 6. This area, along with all of Area C (54th Avenue Peninsula), will be included in the shoreline buffer zone which will be established upon completion of the SedOU.

2.3 Area C

Area C was observed from the west side and north end of Slip 6. Photograph 22 shows bank erosion occurring at the end of the peninsula. Area C will be included in the shoreline buffer zone which will be established upon completion of the SedOU.

2.4 Area D

Area D is currently used for industrial purposes. Residual soil contamination above the clean-up levels remains in place adjacent to the foundations of the old pump house and another building on the east side of this area because excavation could not be completed without potentially damaging the structures.

2.5 Area F

Area F is currently used for industrial purposes. The base of operations for the SedOU activities is currently located in Area F. The asphalt and concrete crushing operations is no longer in business but waste piles and equipment are still present in this area (Photographs 23 and 24). With the exception of the Slip 6 Contained Aquatic Disposal (CAD) area, Area F shoreline will be included in the shoreline buffer zone which will be established upon completion of the Sediment Operable Unit.

2.6 Maurice's Parking Lot

The area known as Maurices' Parking lot continues to be used for industrial purposes.

2.7 Other Areas of Concern

Additional soil contamination in the form of a tar layer was encountered on the west shoreline of Stryker Embayment during the sediment excavation activities. Therefore, part of the Site inspection included an inspection of the west shoreline of Stryker Embayment. The inspection began with the Radio Tower area where a tar layer was

visible on the shoreline (Photograph 25). The tar layer was also present in another area along the Simonson's and Leland's shoreline (Photographs 26 and 27). According to Barr, the area of contamination was delineated with hand auger borings and flagged to show the lateral extent of the tar layer. Barr indicated that they would provide a report summarizing the extent of the tar layer.

Three empty drums were also noted near the Radio Towers (Photograph 28).

3.0 CONCLUSIONS

As indicated in Section 1.0, the Site Inspection did not include an inspection of the TSOU or the SedOU. The Site Inspection was to visually assess the protectiveness of the Soil OU remedial action. Therefore, conclusions/issues relating to the protectiveness of the TSOU and SedOU remedies based on the Site Inspection were not completed. Please see Section IX of the second Five-Year Review report for protectiveness statements.

The Site Inspection identified several issues that indicate concerns regarding the protectiveness of the remedy. These issues and other concerns noted are summarized below.

- Drums and Tires. The drums and tires in Area E and the Radio Tower should be removed and disposed of properly.
- Monitoring Wells. The monitoring wells are no longer necessary to monitor protectiveness of the remedy. Therefore, all of the monitoring wells located in Areas A and E should be abandoned.
- EBI Stockpiled Soil in Area E. The Stockpile Soil in Area E may contain contamination and should be sampled and disposed of in accordance with MPCA requirements. Mr. Anderson stated that he will work with the MPCA on the appropriate sampling and disposal methods for the stockpiled soil.
- Stockpiled Soil in Area A. The origin and nature of the stockpiled soil should be determined.
- Residual soil adjacent to or potentially underlying existing buildings. There is a potential for indoor air quality concerns in areas where residual soil remains adjacent to or potentially underlying existing buildings. EBI's recent upgrades to the Pull Barn including insulation and heat could increase the potential risks associated with indoor air quality.
- Residual Operational Material in Area E. Open pits or former storage vessels containing water/waste or that are filled in with soil were observed within the on-site buildings. These pits or former storage vessels may contain tar and/or tar impacted soil. Operational waste that was left behind could be a continued source of soil and groundwater contamination and should have been included in the SOU. Residual waste in the pits or former storage vessels indicates that there is a potential risk to human health and the environment and further evaluation and remedial action is recommended.
- Oil Sheen from Area E Storm Sewer outfall. The oil sheen observed in this area indicates that there is a potential risk to human health and the environment. Further

evaluation and possible remedial action is recommended to find the origin and nature of the oil sheen.

- Tar Residual and Erosion at Area B and C. The residual tar observed in this area indicates that there is a potential risk to human health and the environment. In addition, continued erosion could affect the protectiveness of remedial actions taken in Area C. The shoreline buffer zone that will be established upon completion of the SedOU should include measures to address the residual tar and erosion issues along shoreline in Slip 6.
- Tar Layer by Radio Towers and Residents of Stryker Embayment. The tar layer near the Simonson's and Leland's shoreline has been included in the SedOU remediation activities and was being addressed during this Five-Year Review. The tar layer near the Radio Tower indicates that there is a potential risk to human health and the environment and further evaluation and remedial action is recommended.
- Waste Material Stockpiles in Area F. Large quantities of waste material stockpiles were observed in Area F, at the former concrete recycling location. Although this facility is no longer in operation, stockpiles of waste and materials remain on-site. This material should be removed and disposed of properly.

ATTACHMENT 3b
Site Inspection Attendance List



Visitor Sign-In Log

Date: 5/5/08

Organization

OP6-

ENSR

MPCA

MPCA

Boy West

Bay West

Handwritten:

BARE

ATTACHMENT 3c
Site Inspection Photo Log/
Photo Location Map



1: SE perimeter of Area E, Three empty drums



2: Tires behind drums in photo 1



3: Monitoring Well 15: North of Area E on city property



4: Monitoring Well 14, NE Corner of Area E



5: Monitoring Well 18R – West side of Area E



6: Area A. Monitoring Well 16 – west side of Area A



7: Area A. Nested Monitoring Wells 5 and 5 Deep



8: Area A. Stockpiled soil. Source unknown to inspection participants. Possibly placed between 2005 and Spring 2006.



9: East side of Area E on EBI property. Stockpiled soil excavated by EBI during sewer and gas line installation, reportedly contains coal tar. Approximately 30 cubic yards.



10: May 9, 2008. Area E, southern building on EBI property. Wood covering pit filled with approximately 1 foot of water over tarry material.



11: May 9, 2008. Area E, southern building on EBI property. Approximately 1 foot of water over tarry material in pit.



12: May 9, 2008. Area E, southern building on EBI property. Smaller opening in the floor filled in



13: May 9, 2008. Area E, southern building on EBI property. Possible small opening in floor under material pile.



14: May 9, 2008. Area E, south-eastern building on EBI property. Openings in concrete floor filled in with soil.



15: May 9, 2008. Area E, south-eastern building on EBI property. Stand pipe inside building.



16: Area A. City storm sewer outfall from Fremont Avenue and resulting erosion. November 2006 – French drain installed to correct erosion problems in the surcharge cap in Stryker Bay.



17: Area A. Storm sewer from Area E is believed to end near these bushes.



18: Area A. French Drain and outfall and/or spring flowing into surcharge cap and Stryker Bay



19: Area A. Oil sheen in the outfall stream



20: Tar seep at north end of Slip 6.



21: Tar at north end of Slip 6.



22: Bank erosion on 54th St Peninsula. SedOU CAD dike.



23: Concrete and asphalt crushing (inactive) on Hallett Dock property at the south end of 59th Ave Peninsula.



24: Concrete and asphalt crushing (inactive) on Hallett Dock property at the south end of 59th Ave Peninsula.



25: Tar layer on west bank of Stryker Bay near the radio towers.



26: Tar layer between Leland's and Simonson's.



27: Markers delineate extent of a tar layer left after dredging along shoreline adjacent to Leland's and Simonson's on Stryker Bay.



28: Radio Tower area west of Stryker Bay. Two empty drums. A third drum, not pictured, is present in the same area.



Attachment 3c-9

ATTACHMENT 4a

Interview Documentation Form

SLRIDT INTERVIEW DOCUMENTATION FORM				
The following is a list of individual interviewed for this five-year review. See the attached contact record(s) for a detailed summary of the interviews.				
Name	Contact Information	Title/Position	Organization	Date Contacted
Bill Majewski	Address: 834 87th Avenue West, Duluth, MN 55808 Phone Number : 218-626-2638 e-mail: bsmajewski@aol.com	Former Duluth City Planner	Morgan Park Resident	May 7, 2008 (visit and e-mail)
Mike McCoshen	Address: P.O. Box 16447 Duluth, MN 55816 Phone Number : 281-628-2281 e-mail: info@hallettdock.com	President	Hallett Dock Company	May 9, 2008 (phone and e-mail)
Terry Anderson	Address: 5910 Fremont Street Duluth, MN 55807 Phone Number : 281-348-4571 e-mail: earthbrn@cpinternet.com	Land Owner/Vice President	EBI	May 9, 2008 (e-mail and visit)
Steve Hennes	Address: Phone Number : 651-296-7830 e-mail: steve.hennes@pca.state.mn.us	Ecological Risk Assessor	MPCA	May 12, 2008 (e-mail)
Emily Hansen	Address: Phone Number: 651-297-8467 e-mail: emily.hansen@pca.state.mn.us	Human Health Risk Assessor	MPCA	May 12, 2008 (e-mail)

ATTACHMENT 4b

Interview Records

INTERVIEW RECORD	
Site Name: SLRIDT	Site ID Number:
Subject: 2 nd Five-Year Review	Date: May 7, 2008
Type: Visit and E-Mail	
Contact Made By:	
Name: Brenda Winkler, PG	Organization: Bay West, Inc.
Title: Project Manager	Phone number: 651-341-3258
Individual Contacted:	
Name: Bill Majewski	Organization:
Title: Resident, Duluth Former City Planner	
Telephone Number: 218-626-2638	Street Address: 834 87 th Avenue West
E-Mail Address: BSMAJEWSKI@aol.com	City, State, Zip: Duluth, MN 55808
Interview Questions/Summary of Conversation	
<p>1. What is your overall impression of the project? (general sentiment)</p> <p>The project continues to be well coordinated between agency, RP and the community. Regular meetings have provided the forum for the public to engage those involved in coordinating the operations and the response has been good to date.</p> <p>2. What effects have site operations had on the surrounding community?</p> <p>Based on what I have heard at the regular meetings, whenever a problem has come up and it was pointed out to those involved in the project prompt action has been taken to correct what has needed attention.</p> <p>3. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details?</p> <p>No</p> <p>4. Are you aware of any events, incidents, or activities at the site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details.</p> <p>No</p> <p>5. Do you feel well informed about the site's activities and progress?</p> <p>Yes</p> <p>6. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?</p> <p>No. Keep doing what you are and have been doing.</p> <p>7. Do you have any other concerns or comments about the site?</p> <p>No</p>	

INTERVIEW RECORD	
Site Name: SLRIDT	Site ID Number:
Subject: 2 nd Five-Year Review	Date: May 9, 2008
Type: Telephone/ E-Mail	
Contact Made By:	
Name: Brenda Winkler, PG	Organization: Bay West, Inc. 5 Empire Drive, St. Paul, MN 55103
Title: Project Manager	Telephone Number: 651-341-3258
Individual Contacted:	
Name: Mike McCoshen	Organization: Hallett Dock Company
Title: President	
Telephone Number: 218-628-2281 E-Mail Address: info@hallettdock.com	Street Address: P.O. Box 16447 City, State, Zip: Duluth, MN 55816
Summary of Conversation	
<p>1. What is your overall impression of the project? (general sentiment) OK</p> <p>2. What effects have site operations had on the surrounding community? None to my knowledge.</p> <p>3. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details? No, I am not aware of any.</p> <p>4. Are you aware of any events, incidents, or activities at the site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details. We from time to time have had trespassers and some theft on the property.</p> <p>5. Do you feel well informed about the site's activities and progress? Yes</p> <p>6. Do you have any comments, suggestions, or recommendations regarding the site's management or operation? No</p> <p>7. Do you have any other concerns or comments about the site? No</p>	

INTERVIEW RECORD	
Site Name: SLRIDT	Site ID Number:
Subject: 2 nd Five-Year Review	Date: May 9, 2008
Type: Visit	
Contact Made By: Jane Mosel, MPCA and Brenda Winkler, Bay West	
Name: Brenda Winkler, PG	Organization: Bay West, Inc.
Title: Project Manager	Phone: 651-341-3258
Individual Contacted:	
Name: Terry Anderson	Organization: EBI
Title: Land/Business Owner	
Telephone Number: 281-348-4571	Street Address: 5910 Fremont Street
E-Mail Address: earthbrn@cpinternet.com	City, State, Zip: Duluth, MN 55807
Summary of Conversation	
<p>1. What is your overall impression of the project? (general sentiment) No comment.</p> <p>2. What effects have site operations had on the surrounding community? No comment.</p> <p>3. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details? No comment.</p> <p>4. Are you aware of any events, incidents, or activities at the site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details. No comment.</p> <p>5. Do you feel well informed about the site's activities and progress? Yes.</p> <p>6. Do you have any comments, suggestions, or recommendations regarding the site's management or operation? Road Maintenance. The heavy machinery hauling sand, gravel, etc. has torn up the road and it needs to be maintained. The trucks are not obeying traffic signs – stop signs when they are traveling on/off the site and/or to/from the weight station.</p>	

7. Do you have any other concerns or comments about the site?

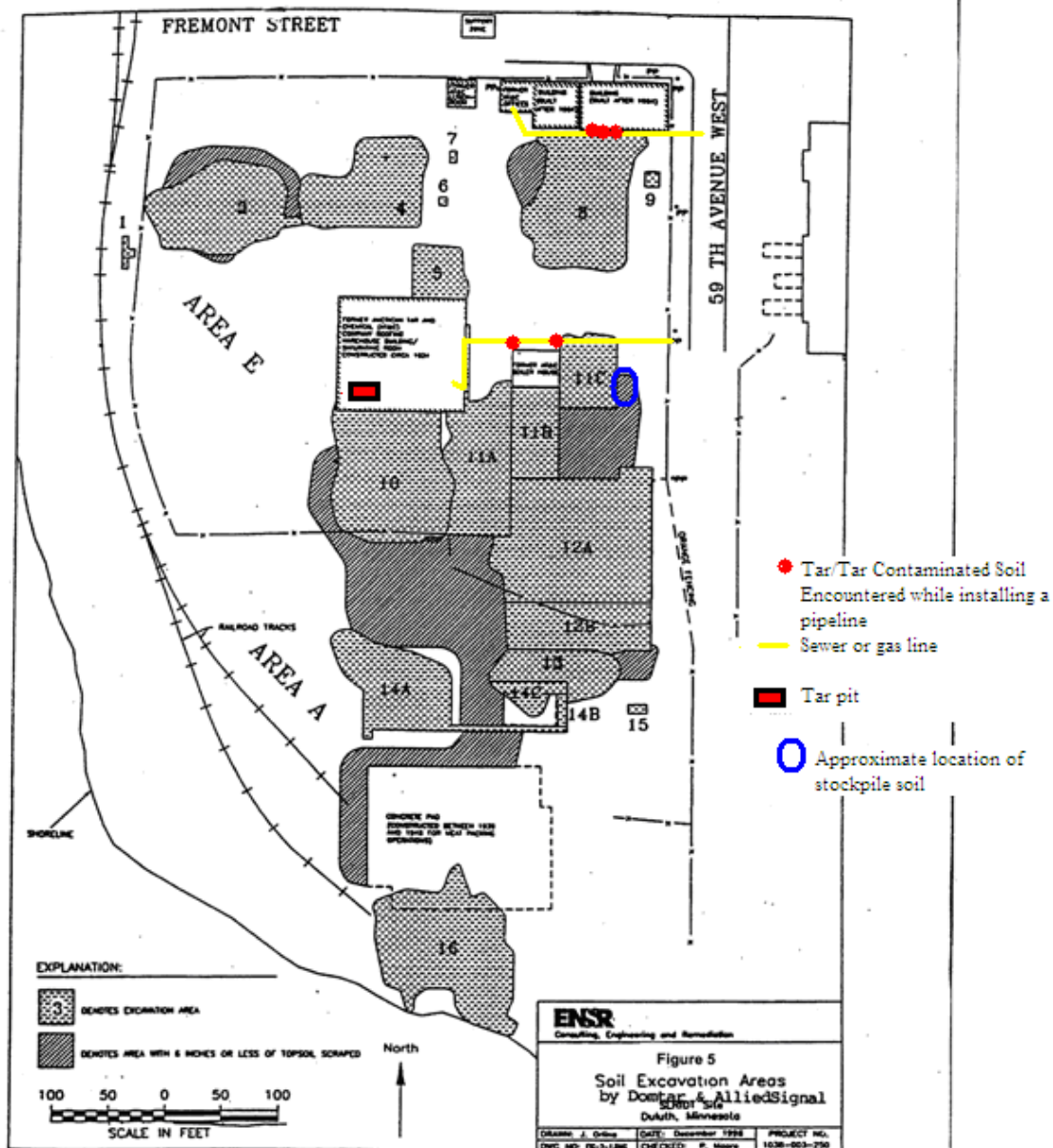
There is still tar on-site. At least one pit filled with water and tar is present inside of the building (see attached figure). It is possible that a second pit exists under flooring adjacent to the first pit. Two other small openings in the floor also exist. The smaller building to the east has openings in the concrete that appear to have been pits that are now filled in with soil. These buildings were filled with cars/car parts during the original remediation. No actions were taken inside of the buildings. Photographs of the tar pit are included in the site inspection photographs of the 2nd Five Year Review.

Soil Pile. In the late 1990s, Mr. Anderson excavated and stockpiled approximately 30 cubic yards of impacted soils during his installation of a gas and sewer service line to two buildings. This stockpile still remains on the property and also includes a 6-inch pipe that was looked for during the soil cleanup activities. Mr. Anderson stated that he would like to remove this material and will work the MPCA on the appropriate sampling and disposal of the soil.

Property upgrades. The Pull Barn located in the northeast corner of the site has been insulated, heated and leased out. Mr. Anderson is in the process of renovating his Igloo structure in the southwest corner of his property so he can lease it out. He would like to install underground utilities to the igloo.

Institutional Controls or Restrictive Covenants. Mr. Anderson would like the MPCA to develop an institutional control/restrictive covenant for the land that he owns.

Monitoring Wells. Jane informed Mr. Anderson that the MPCA will be asking the responsible parties to abandon the monitoring wells in Area A and E. Mr. Anderson said that he would allow the responsible parties access to abandon the wells but they must call and ask permission ahead of time.



INTERVIEW RECORD	
Site Name: SLRIDT	Site ID Number:
Subject: 2 nd Five-Year Review	Date: May 12, 2008
Type: E-Mail	
Contact Made By:	
Name: Brenda Winkler, PG	Organization: Bay West, Inc.
Title: Project Manager	Phone number: 651-341-3258
Individual Contacted:	
Name: Steven Hennes	Organization: MPCA
Title: Ecological Risk Assessor	
Telephone Number: 651-296-7830 E-Mail Address: steven.hennes@pca.state.mn.us	Street Address: 520 Lafayette Rd. City, State, Zip: St. Paul, MN 55155-4294
Interview Questions/Summary of Conversation	
<p>1. What is your overall impression of the cleaned-up portions of this Superfund Site? (general sentiment)</p> <p>The soil remedy seems to have been successful.</p> <p>2. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details?</p> <p>No.</p> <p>3. Are you aware of any events, incidents, or activities at the site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details.</p> <p>No.</p> <p>4. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?</p> <p>No.</p> <p>5. Are you aware of any issues that may require changes to the completed remedial actions or the decision documents?</p> <p>No.</p> <p>6. Do you feel the completed remedies are functioning as expected? Why or why not?</p> <p>Yes. I am not aware of any failures or changes which would affect the effectiveness of the remedies.</p> <p>7. Are you aware of any issues, which may call into question the Site's short-term or</p>	

long-term protectiveness?

No.

8. Are you aware if there are any trends that indicate contaminant levels are increasing or decreasing?

No.

9. Do you have any other concerns, comments or recommendations about the site?

No.

INTERVIEW RECORD	
Site Name: SLRIDT	Site ID Number:
Subject: 2 nd Five-Year Review	Date: May 14, 2008
Type: E-Mail	
Contact Made By:	
Name: Brenda Winkler, PG	Organization: Bay West, Inc.
Title: Project Manager	Phone number: 651-341-3258
Individual Contacted:	
Name: Emily Hansen	Organization: MPCA
Title: Human Health Risk Assessor	
Telephone Number: 651-297-8467	Street Address: 520 Lafayette Rd. N.
E-Mail Address: emily.hansen@state.mn.us	City, State, Zip: Saint Paul, MN 55155
Interview Questions/Summary of Conversation	
<p>1. What is your overall impression of the cleaned-up portions of this Superfund Site? (general sentiment)</p> <p>I am not aware of any issues that would cause a bad impression at this time.</p> <p>2. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details?</p> <p>The only community concerns I am aware of are from a public meeting in April 2007. I think I remember concerns over the logic of moving contaminants from one location to another and keeping them on site, and also concerns about the air emissions from the dredging operations.</p> <p>3. Are you aware of any events, incidents, or activities at the site such as vandalism, trespassing, or emergency responses from local authorities? If so, please give details.</p> <p>No.</p> <p>4. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?</p> <p>No.</p> <p>5. Are you aware of any issues that may require changes to the completed remedial actions or the decision documents?</p> <p>No.</p> <p>6. Do you feel the completed remedies are functioning as expected? Why or why not?</p> <p>As far as I am aware.</p>	

7. Are you aware of any issues, which may call into question the Site's short-term or long-term protectiveness?

No, although it seems reasonable to be uncertain about capped contaminants.

8. Are you aware if there are any trends that indicate contaminant levels are increasing or decreasing?

No.

9. Do you have any other concerns, comments or recommendations about the site?

No.