

## Appendix D

# Daily Progress Reports

# November 2013

## Daily Progress Reports

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 5, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 40°F; High: 56°F; Winds variable at 5-15 mph early, with higher gusts mid-day. Rain in the morning, and mostly sunny by mid-morning.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START-3 initiated setup activities for the field monitoring, as well as assisting with the setup of the field office and staging area located at 15 Haines Avenue NW. START3 participated in Removal Action planning meetings and activity coordination. START3 participated in a Pre-Removal Action orientation and safety briefing.
- b. Problems Encountered: None at this time.

B. ERRS Activities

- a. Site Progress Made: ERRS initiated setup activities for the field office and staging area located at 15 Haines Avenue NW. ERRS participated in multiple Removal Action planning meetings and activity coordination. ERRS evaluated the condition of additional heavy equipment delivered for the job. ERRS continued with acquisition of various permits and approvals for site activities.
- b. Problems Encountered: None at this time.

**4. Removal Action Future Site Activities**

- A. START-3: START-3 will continue with setup of the field monitoring equipment and Office area. START3 will participate in ongoing site walks in support of planning and logistics. START3 will prepare to collect a sample of the Backfill material once a source is defined. START3 will conduct air sampling during any digging, stockpiling or loading operations. START3 will monitor ERRS activities related to site preparation and will continue to conduct contractor monitoring (maintain site logbook and photo documentation of site activities, etc.). START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS anticipates continuing with field office and/or staging area setup as needed, as well as review of the heavy equipment. ERRS will continue with planning and logistics efforts for the site Removal Action. ERRS personnel will install barricade fencing around the field office and staging area, as well as prepare a plan the Removal effort for presentation to W. Silver. ERRS will continue with acquisition of various required permits and approvals.

**ATTACHMENTS**

No Photographs

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 6, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 37°F; High: 62°F; Winds variable at 5-10 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START-3 continued preparing for field monitoring, as well as assisting with the setup of the field office and staging area located at 15 Haines Avenue NW. START3 set up, tested and photographed monitoring equipment and field heavy equipment. START 3 participated in multiple Removal Action planning meetings and activity coordination.
- b. Problems Encountered: None at this time.

B. ERRS Activities

- a. Site Progress Made: ERRS continued with setup activities for the field office and staging area located at 15 Haines Avenue NW. ERRS participated in multiple Removal Action planning meetings and activity coordination. ERRS evaluated the condition of additional heavy equipment delivered for the job. ERRS personnel initiated installation of barricade fencing around the field office and staging area. ERRS continued with acquisition of various permits and approvals for site activities.
- b. Problems Encountered: None at this time.

**4. Removal Action Future Activities**

- A. START-3: START-3 will continue with setup of the field monitoring equipment and Office area. START3 will participate in ongoing site walks in support of planning and logistics. START3 will collect a sample of the Backfill material once a source is defined. START3 will conduct air sampling during any digging, stockpiling or loading operations. START3 will monitor ERRS activities related to site preparation and will continue to conduct contractor monitoring (maintain site logbook and photo documentation of site activities, etc.). START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will conduct field office and/or staging area setup as needed. ERRS will continue with planning and logistics efforts for the site Removal Action. ERRS personnel will complete barricade fencing around the field office and staging area and initiate preparation of the W. Silver site for excavation. ERRS will continue with acquisition of various required permits and approvals.

## **ATTACHMENTS**

Photographs: DCS00539 and DSC00551



Photograph DSC00539: View of onsite field office located at 15 Haines Avenue, NW



Photograph DSC00551: Expanded View of interior of Exfoliation building in advance of abatement.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 7, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

Today's Weather: Low: 34°F; High: 62°F; Winds variable at 3-5 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START-3 continued preparing for field monitoring and equipment checks. START3 photographed additional heavy equipment delivered to the site. START 3 participated in multiple Removal Action planning meetings and activity coordination.
- b. Problems Encountered: None at this time.

B. ERRS Activities

- a. Site Progress Made: ERRS participated in multiple Removal Action planning meetings and activity coordination. ERRS evaluated the condition of additional heavy equipment delivered for the job. ERRS personnel completed installation of barricade fencing around the field office and staging area. ERRS continued with acquisition of various permits and approvals for site activities.
- b. Problems Encountered: None at this time.

**4. Removal Action Future Activities**

- A. START-3: START3 will participate in ongoing site walks in support of planning and logistics. START3 will initiate/conduct air sampling during digging, stockpiling or loading operations, which are expected to be initiated 11/8. START3 will monitor ERRS activities related to site preparation and will continue to conduct contractor monitoring (maintain site logbook and photo documentation of site activities, etc.). START3 will collect a sample of the Backfill material once a source is defined. START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will continue with planning and logistics efforts for the site Removal Action. ERRS will initiate final preparation for excavation and stockpiling activities at the W. Silver site. Upon receipt of the Utility clearance expected 11/8, ERRS will locate a "private" electrical line on the W. Silver and mark it to prevent digging into it during the excavation activities. ERRS will initiate excavation and stockpiling at W. Silver. ERRS will continue with acquisition of various required permits and approvals.

**ATTACHMENTS**

No Photographs other than equipment condition photographs.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 8, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 36°F; High: 63°F; Winds variable, but primarily SW at 3-5 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: Following receipt of the utility clearances, START3 initiated air sampling and air monitoring during digging, stockpiling or loading operations conducted by ERRS. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START3 (and ERRS) conducted a measurement of the current excavation depth at the end of the day. START 3 participated in Removal Action planning meetings and activity coordination as requested.
- b. Problems Encountered: None at this time.

B. ERRS Activities

- a. Site Progress Made: Upon receipt of the final utility clearances at approximately 0915, ERRS initiated final preparation for excavation and stockpiling activities at the W. Silver site. ERRS used the "mini-ex" to locate a "private" electrical line on the W. Silver site and mark it to prevent digging into it during the excavation activities. ERRS initiated excavation and stockpiling activities at W. Silver in the southwest portion of Grids A and B. ERRS covered the excavation and stockpiling areas prior to completing the days operations. ERRS participated in Removal Action planning meetings and activity coordination as requested. ERRS continued with acquisition of various permits and approvals for site activities.
- b. Problems Encountered: None at this time.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during digging, stockpiling or loading operations and will to conduct contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START3 will collect a sample of the Backfill material once a source is defined. START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will continue with excavation and stockpiling activities at W. Silver in the southwest portion of Grid AB. ERRS will acquire the Waste Manifests from Mountainair and prepare the manifests in advance of waste transport. ERRS will participate in Removal Action planning meetings and activity coordination as requested. ERRS will continue with acquisition of various required permits and approvals.

## **ATTACHMENTS**

Photographs: DSC00567 and DCS00571



Photograph DSC00567; View facing west at excavation and stockpiling activities. Note apparent adequate wetting.



Photograph DSC00571: View of ERRS and START personnel assessing depth of excavation area.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 9, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (off-site)
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 38°F; High: 67°F; Winds variable, but primarily SW at 3-5 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START3 continued air sampling and monitoring during digging, stockpiling or loading operations conducted by ERRS and deployed 4 Air pumps, 2 PDRs and one FAM-1. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START3 (and ERRS) conducted a measurement of the current excavation depth at the end of the day. START 3 participated in Removal Action planning meetings and activity coordination as requested.
- b. Problems Encountered: None at this time.

B. ERRS Activities

- a. Site Progress Made: ERRS continued excavation and stockpiling activities at the W. Silver site southwest portion of Grids A and B. ERRS completed excavation of a large portion (northern) of Grid B down to 1 foot below assumed grade, based on the bottom of the facility fencing in preparation of the collection of confirmation samples. ERRS covered the active excavation and stockpiling areas prior to completing the days operations. ERRS participated in Removal Action planning meetings and activity coordination as requested. ERRS coordinated acquisition of an alternative backfill soil and gravel/crushed concrete source. ERRS continued with acquisition of various permits and approvals for site activities.
- b. Problems Encountered: None at this time.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during digging, stockpiling or loading operations. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START3 will collect a sample of the Backfill material from the defined source as well as a confirmation from the completed grid (northern portion of Grid B on W. Silver). START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will continue with excavation and stockpiling activities at W. Silver in Grids A and B. ERRS will acquire the Waste Manifests from Mountainair and prepare the manifests in advance of waste transport, which is expected to occur 11/12. Due to logistics and delayed manifests, the majority of the ERRS crew will be off Monday. ERRS will maintain a limited site presence on 11/11 to coordinate the abatement activities at the former exfoliation building. ERRS will participate in Removal Action planning meetings and activity coordination as requested. ERRS will continue with acquisition of various required permits and approvals.

## **ATTACHMENTS**

Photographs: DSC00573 and DSC00575



Photograph DSC0573; View facing west at excavated area along SW portion of W. Silver property (Grid AB North).



Photograph DSC00575: View of excavation activities along eastern portion of Grid AB. Note wetting activities.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 11, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (off-site AM, return PM)
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM)
ERRS Foreman:	Jeffrey Reynolds (USES - Off)
ERRS H&S Officer:	Jesse Howlett (USES - Off)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 – USES - Off)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 40°F; High: 71°F; Winds variable, but primarily SW at 3-5 mph. Clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. **Site Progress Made:** Due to the shutdown of excavation and stockpiling activities by ERRS for the day, START3 did not conduct air sampling or monitoring activity. START3 observed setup activities of the abatement contractor. START3 met with the owner and manager of the materials company scheduled to provide the backfill soil and cover material. START3 collected samples of both the backfill soil and cover material and prepared/shipped them for analysis. START3 collected a confirmation sample from the northern portion of subgrid B on W. Silver (as per the RAR, with W. Silver as Area A, with subgrids A, B, C, D, and E). START3 participated in Removal Action planning meetings and activity coordination as requested. START3 packaged and shipped for analysis soil samples collected today and air samples from 11/8 and 11/9.
- b. **Problems Encountered:** None at this time.

**B. ERRS Activities**

- a. **Site Progress Made:** The ERRS crew did not work on the site on 11/11/13 due to logistics issues with Transportation and Disposal. The ERRS RM was on site to monitor the activities of the asbestos abatement contractor (Southwest Hazard Control – SHC), who was on site to conduct the abatement of the former exfoliation building. ERRS continued with acquisition of various permits and approvals for site activities.
- b. **Problems Encountered:** None at this time.

**4. Removal Action Future Activities**

- A. **START-3:** START3 will conduct air sampling during digging, stockpiling or loading operations. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. ERRS will participate in Removal Action planning meetings and activity coordination as requested. START-3 will prepare site-related documents and maintain RCMS reports.
- B. **ERRS:** ERRS will initiate disposal of the stockpiled material by loading end-dumps for disposal at Mountainair. ERRS has scheduled up to eight trucks for disposal activities on 11/12/13. Where possible, ERRS will continue with excavation and stockpiling activities at W. Silver in Grids A and B. ERRS asbestos abatement contractor (SHC) will continue with abatement of the former exfoliation building. ERRS will participate in Removal Action planning meetings and activity coordination as requested. ERRS will continue with acquisition of various required permits and approvals.

## **ATTACHMENTS**

Photographs: DSC04180 and DSC04190



Photograph DSC04180; View facing southeast at backfill source area located off Broadway, South of downtown Albuquerque, NM.



Photograph DSC04190: View of pile of potential cover materials (crushed concrete), at material storage yard south of downtown Albuquerque, NM.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 12, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 42°F; High: 58°F; Winds variable, but primarily W and NW at 12 to 13 mph, with gusts up to 18. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START3 continued air sampling and monitoring during loading of stockpiled material for disposal at the Keer's Industries (DBA, Special Waste Disposal) landfill at Mountainair, New Mexico. START3 deployed 4 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting during loading operations. START 3 participated in Removal Action planning meetings and activity coordination as requested.
- b. Problems Encountered: Due to apparent pump fault (cord shortage) on air pumps 1, 2 and 3, between 1215 and 1315, final times recorded for the air sample cassette was scaled back one hour.

B. ERRS Activities

- a. Site Progress Made: ERRS initiated loading of "roll offs" and "end dumps" for transport and disposal at the landfill at Mountainair. ERRS pre-lined all of the roll-off/end-dumps prior to loading, and "burrito" wrapped the loads upon completion. ERRS personnel appeared to maintain adequate wetting/dust suppression during the loading operations, as well as during the consolidation of the stockpile material between loading. ERRS adjusted the type of dust suppression conducted, switching from a pressure washer sprayer, to a fire hose fed by the water truck. These changes resulted from observations that the resulting mist (aerosol) from the pressure washer appeared to travel away from the active area during wind gusts. A total of 8 end dump trucks containing contaminated soil were sent to the landfill for disposal. ERRS covered the active excavation and stockpiling areas prior to completing the days operations. ERRS participated in Removal Action planning meetings and activity coordination as requested.
- b. Problems Encountered: ERRS adjusted wetting methods per EPA/START observations.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during digging, stockpiling or loading operations. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START3 and EPA may further evaluate the source of the potential cover material (Crushed concrete). START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will continue with loading operations and expects to load out 12 trucks on 11/13/13. Where possible, ERRS will also continue to consolidate the stockpile and continue excavation activities on the W. Silver site in Grids A and B. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building. ERRS will participate in Removal Action planning meetings and activity coordination as requested. ERRS will continue with acquisition of various required permits and approvals.

## ATTACHMENTS

Photographs: DSC00591 and DSC00592



Photograph DSC00591; Expanded view southwest at loading operations. Note wetting (pressure washer) operations.



Photograph DSC00592: Expanded view of loading operations along the northern portion of the Grid A area.

## **Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 13, 2013**

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 38°F; High: 62°F; Winds variable, but primarily from the N and NE at 5 - 6 mph. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. **Site Progress Made:** START3 continued air sampling and monitoring during loading of stockpiled material for disposal at the Keer's Industries (DBA, Special Waste Disposal) landfill at Mountainair, New Mexico. START3 deployed 4 Air pumps, 3 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1 and PDR readings were an order of magnitude below a H&S based action level. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting.
- b. **Problems Encountered:** None

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS loaded end dumps and roll offs for transport and disposal at the landfill at Mountainair. ERRS pre-lined all of the roll-off/end-dumps prior to loading, and "burrito" wrapped the loads upon completion. ERRS personnel appeared to maintain adequate wetting/dust suppression during the loading operations, as well as during the consolidation of the stockpile material between loading. A total of 12 end dump or roll offs containing contaminated soil were sent to the landfill for disposal. ERRS covered the active excavation and stockpiling areas prior to completing the days operations.
- b. **Problems Encountered:** None

### **4. Removal Action Future Activities**

- A. **START-3:** START3 personnel will attend a mandatory offsite railroad worker safety course. START3 will conduct air sampling during digging, stockpiling or loading operations. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START-3 will prepare site-related documents and maintain RCMS reports.
- B. **ERRS:** ERRS personnel will attend a mandatory offsite railroad worker safety course. Following training, ERRS will continue with loading operations and expects to load out 4 trucks on 11/14/13. Where possible, ERRS will also continue to consolidate the stockpile and continue excavation activities on the W. Silver site in Grids A and B. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

## ATTACHMENTS

Photographs: DSC00594 and DSC00602



Photograph DSC0594; View east-southeast of loading operations. Note ongoing wetting.



Photograph DSC00602: Interior view of exfoliation building and bagged asbestos resulting from the abatement of the building.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 14, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 38°F; High: 62°F; Winds variable, but primarily from the N and NE at 5 - 6 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START3 personnel attended a mandatory offsite railroad worker safety course at the NMDOT office. START3 continued air sampling and monitoring during loading of stockpiled material for disposal at the Keer's Industries (DBA, Special Waste Disposal) landfill at Mountainair, New Mexico. START3 deployed 4 Air pumps, 3 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR readings were an order of magnitude below a H&S based action level. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting.
- b. Problems Encountered: None

B. ERRS Activities

- a. Site Progress Made: ERRS personnel attended a mandatory offsite railroad worker safety course at the NMDOT office. ERRS subcontractor continued abatement activities at the former exfoliation building. ERRS loaded 12 end dumps or roll offs containing contaminated soil for transport and disposal at the landfill at Mountainair. ERRS pre-lined all of the roll-off/end-dumps prior to loading, and "burrito" wrapped the loads upon completion. ERRS personnel appeared to maintain adequate wetting/dust suppression during the loading operations, as well as during the consolidation of the stockpile material between loading. ERRS covered the active excavation and stockpiling areas prior to completing the days operations.
- b. Problems Encountered: None

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during digging, stockpiling or loading operations. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will continue with loading operations and expects to load out 12 trucks on 11/15/13. Where possible, ERRS will also continue to consolidate the stockpile and continue excavation activities on the W. Silver site in Grids A and B. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00594 and DSC00602



Photograph DSC00610; View southeast of excavated and covered grid on W. Silver site. Note air sampling location on barricade fencing.



Photograph DSC00611: Expanded view north of excavated grid and active operations on W. Silver site.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 15, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 40°F; High: 65°F; Winds variable, but primarily from the S at 5 - 6 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START3 continued air sampling and monitoring during loading of stockpiled material for disposal at the Keer's Industries (DBA, Special Waste Disposal) landfill at Mountainair, New Mexico. START3 deployed 4 Air pumps, 3 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR readings were an order of magnitude below a H&S based action level. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting.
- b. Problems Encountered: None

B. ERRS Activities

- a. Site Progress Made: ERRS subcontractor continued abatement activities at the former exfoliation building. ERRS loaded 12 end dumps and roll offs containing contaminated soil for transport and disposal at the landfill at Mountainair. ERRS pre-lined all of the roll-off/end-dumps prior to loading, and "burrito" wrapped the loads upon completion. ERRS personnel appeared to maintain adequate wetting/dust suppression during the loading operations, as well as during the consolidation of the stockpile material between loading. ERRS covered the active excavation and stockpiling areas prior to completing the days operations.
- b. Problems Encountered: None

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during excavation operations conducted in the City ROWs (Area E). START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will initiate excavation (and backfilling) operations within the City ROW areas over the weekend to reduce impacts/risks related to local traffic. ERRS will consolidate the excavated material from the City ROW areas into the stockpile on the W. Silver site. No abatement activities at the former exfoliation building are expected over the weekend.

## **ATTACHMENTS**

Photographs: DSC00616 and DSC00620



Photograph DSC0616; View southeast of loading operations. Note ongoing wetting/dust suppression activities.



Photograph DSC00620: View of City ROW area along Haines Avenue NW prior to excavation.

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 16, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off Site)
START-3 Team Leader and Personnel:	John Koehnen (2 Total STARTS)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 42°F; High: 62°F; Winds variable, but primarily from the S, SW ad W at 7-9 mph with gusts up to 15 mph variable. Skies were mostly clear to cloudy with intermittent light rain.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START3 continued air sampling and monitoring during excavation activities conducted in the City ROW area (Area E). START3 deployed 4 Air pumps, 3 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Averages (TWAs) readings were two orders of magnitude below an H&S based action level ( $2.5 \text{ u/m}^3$ ). Due to a detection of asbestos in one of the Cover Material samples previously collected, START3 collected and processed additional samples of a new/alternate material proposed, located on the Specialty Aggregates, Inc, site southeast of downtown Albuquerque. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting.
- b. Problems Encountered: None

B. ERRS Activities

- a. Site Progress Made: ERRS prepared for and initiated excavation in the City ROW areas on the northern side of Haines Avenue NW (Area E, Grids 010 and 011). ERRS trenched for gas lines in the City ROW, along the west fence of W. Silver site (Area E, Grid 001). ERRS consolidated the excavated material into the stockpile located on the W. Silver site. ERRS personnel appeared to maintain adequate wetting/dust suppression during the excavation operations. ERRS covered the active excavation and stockpiling areas prior to completing the days operations.
- b. Problems Encountered: None

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling as ERRS completes excavation activities along the north side of Haines Avenue NW. START3 will collect confirmation samples from the base on the excavation areas in the City ROW, prior to ERRS placing the orange barricade fencing liners and backfill material. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START-3 will prepare site-related documents and maintain RCMS reports.
- B. ERRS: ERRS will continue excavation activities in the City ROW located along the North side of Haines Avenue NW. When completed, and after START3 collects confirmation samples, ERRS will initiate placement of the orange barricade fencing liners and backfill material.

**ATTACHMENTS**

Photographs: DSC00629 and DSC00631



Photograph DSC0629; View west of the initial excavation area along Haines Avenue NW.



Photograph DSC00631: View of a hand dug area in the City ROW along 1<sup>st</sup> Street where a high pressure gas line enters the W. Silver facility.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 17 2013

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (off Site)
START-3 Team Leader and Personnel:	John Koehnen (1 START)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 39°F; High: 60°F; Winds light and variable with gusts up to 5 - 6 mph. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. **Site Progress Made:** START3 continued air sampling and monitoring during continued excavation activities in the City Right of Way (ROW) area on the north side of Haines Avenue NW, in between 1<sup>st</sup> and 2<sup>nd</sup> Street NW (Area E, Grids 010 and 011). Upon completion of excavation activities on Haines Avenue, NW, START3 collected conformation samples from 2 Grids (010 and 011). START3 deployed 3 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were zero. START3 conducted contractor monitoring (maintain site logbook and photo documentation of site activities, etc.) to assess ERRS activities, and the presence of any dust and/or adequate wetting.
- b. **Problems Encountered:** None

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS excavated the City ROW areas along the North side of Haines Avenue NW. The excavated material was stockpiled on the W. Silver site. Upon completion of the required excavation (to 1 foot bgs) and sampling by START, ERRS laid orange construction fencing in the base of the excavation prior to backfilling with clean soil acquired from Specialty Aggregates, Inc. (the tested source). Since the excavation area was completely covered with backfill, there was no covering placed or access control installed at the end of the work day.
- b. **Problems Encountered:** None

### **4. Removal Action Future Activities**

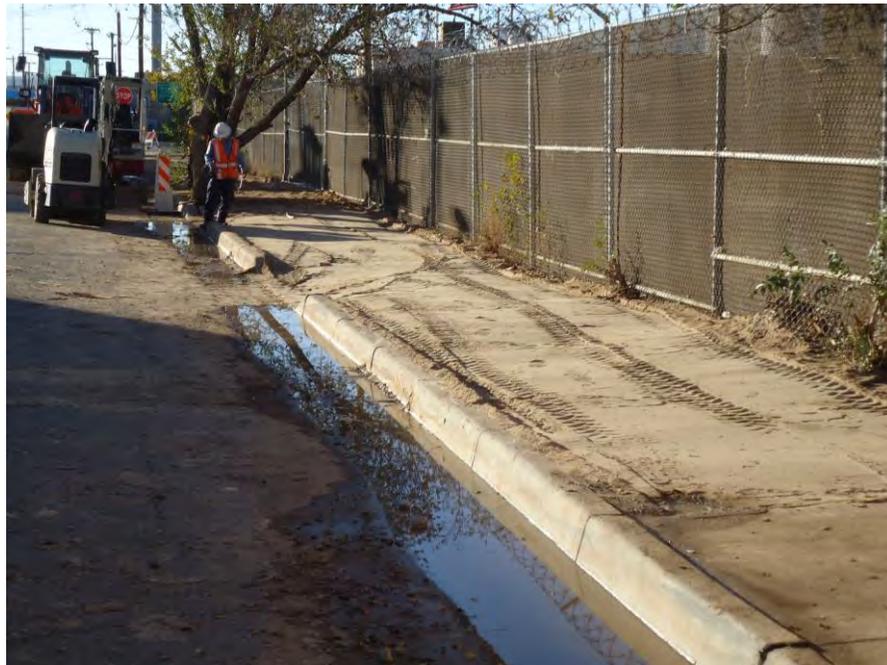
- A. **START-3:** START3 will conduct air sampling during digging, stockpiling or loading operations. Upon completion of select excavation activities by ERRS, START3 will collect soil confirmation samples from the excavated areas on the W. Silver site and/or from the City ROW areas. START3 will continue contractor monitoring of site/ERRS activities, and the presence of any dust and/or adequate wetting during excavation and stockpiling activities. START-3 will prepare site-related documents and maintain RCMS reports.
- B. **ERRS:** ERRS will continue with loading operations from the stockpile on the W. Silver site. ERRS expects to load out 10 trucks on 11/18/13. ERRS will continue to consolidate the stockpile and/or continue to excavate select areas within the W. Silver site and/or in the City ROW area. ERRS anticipates placing "crusher fines" over the backfill soil placed in the City ROWs. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

**ATTACHMENTS**

Photographs: DSC00632 and DSC00633



Photograph DSC0632; View west of the excavation activities in the City ROW areas along the north side of Haines Avenue NW, in between 1<sup>st</sup> and 2<sup>nd</sup> Street NW.



Photograph DSC00633: View of City ROW areas along the north side of Haines Avenue NW following placement and rolling of the backfill.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 18 2013

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (1 START)
ERRS Response Manager:	John Foster (EQM, Don Edgington, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 34°F; High: 60°F; Winds light from the south/southwest at 5 to 6 mph. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air sampling and monitoring during end dump and roll-off loading activities as well as excavation and backfill operations in the City ROW areas. START3 deployed 4 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were zero.
- b. Problems Encountered: None

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded 8 end dumps/roll offs for disposal at the Keer's facility outside of Mountainair. ERRS placed a final cover of Crusher Fines on the backfilled area along the North side of Haines Avenue in the City ROW. ERRS managed the activities of Southwest Hazard Control (SHC); the ERRS asbestos abatement contractor.
- b. Problems Encountered: None

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during digging, stockpiling or loading operations. Upon completion of excavation activities by ERRS, START3 will collect soil confirmation samples from the excavated areas on the W. Silver site and the City ROW Grids 001 and 002.
- B. ERRS: ERRS will continue with excavation activities in the City ROW areas. ERRS will add the excavated material to the current stockpile on the W. Silver site. When complete, ERRS will backfill the City ROW areas and add a thin layer of "crusher fines" over the backfill soil. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00635 and DSC00637



Photograph DSC00633: Final grading of “crusher fines” in the City ROW, Area E, Grids 010 and 011.



Photograph DSC0635; View southwest of the loading operations on the W. Silver facility.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 19 2013

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (1 START)
ERRS Response Manager:	John Foster (EQM, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 34°F; High: 62°F; Winds light from the south/southwest at 4 to 6 mph. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air sampling and monitoring excavation and backfill operations in the City ROW areas (Grids 001 and 002). START3 deployed 3 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were zero. START3 collected confirmation samples from the southern portion of Grid A on W. Silver, as well as from Grids 001 and 002 in Area E of the City ROW.
- b. Problems Encountered: None

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS conducted no loading operations. ERRS continued excavating Grids 001 and 002 of the Area E City ROW. Upon completion of the excavation, and after START3 sampled, ERRS placed orange barricade fencing in the base of the excavation and backfilled a portion of the area with soil. ERRS managed the activities of Southwest Hazard Control (SHC); the ERRS asbestos abatement contractor.
- b. Problems Encountered: None

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during digging, stockpiling or loading operations. START3 will collect soil confirmation samples from the excavated area in the City ROW Grid 006.
- B. ERRS: ERRS expects to load six (6) end dumps/roll-offs for disposal at the Keer's facility outside Mountainair. ERRS will continue backfilling in the City ROW areas and will add a thin layer of "crusher fines" over the backfill soil. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00637 and DSC00639



Photograph DSC00637: View of excavation activity in City ROW, Area E, Grid 001.



Photograph DSC00639: View of excavated area of Confirmation Sample "ASC" on W. Silver site.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 20 2013

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (1 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 44°F; High: 54°F; Winds light from the south/southwest at 4 to 6 mph. Overcast skies with light rain starting mid-morning and continuing throughout the day.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air sampling during stockpile loading and backfill operations in the City ROW areas (Grids 001 and 002). START3 deployed 3 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were zero.
- b. Problems Encountered: Due to inclement weather, all air sampling was halted by 1300.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded six (6) end dumps/roll-offs for a daily total of 84 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 50 loads, for a total volume of 723 cubic yards. ERRS continued backfilling Grids 001 and 002 of the Area E City ROW. ERRS managed the activities of Southwest Hazard Control (SHC); the ERRS asbestos abatement contractor.
- b. Problems Encountered: None

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during excavation and stockpiling operations. START3 will collect soil confirmation samples from the excavated area in the City ROW Grid 006.
- B. ERRS: ERRS expects to excavate and backfill in the City ROW Grid 006 and will add a thin layer of "crusher fines" over the backfill soil in the City ROW Grids 001, 002 and 006. ERRS expects to begin backfilling the W. Silver Grid B (north) with the "A1A" cover material which was approved for use following receipt/review of analytical data. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00644 and DSC00645



Photograph DSC00644: View of stockpile area and loading operations along 1<sup>st</sup> Street NW.



Photograph DSC00645: View of Area E, Grid 002 following excavation and backfilling.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 21 2013

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 43°F; High: 56°F; Winds light from the northeast early, switching to south winds at 7 to 9 mph. Overcast skies with intermittent light rain throughout the day.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air sampling during excavation operations in the City ROW, Grid 006. Upon completion of the excavation, START3 collected a soil confirmation sample. START3 deployed 4 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude below the TWA action level of 2.5 mg/cc. START3 met with Charles Aragon (City of Albuquerque) who visited the site to assess air quality and dust impacts, with no issues noted.
- b. Problems Encountered: None.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS excavated Grid 006 of the City ROW. Following collection of a confirmation sample by START3, ERRS placed orange barricade fencing in the excavated area prior to backfilling. ERRS placed "crusher fines" on top of the backfill in the City ROW, Grids 001, 002 and 006. ERRS managed the activities of Southwest Hazard Control (SHC); the ERRS asbestos abatement contractor.
- b. Problems Encountered: None

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling during loading operations from the soil stockpile on the W. Silver site and during placement of the (A1A) Cover Material in portions of Subgrids A and B in Area A (W. Silver site), once results of the confirmation sampling of Subgrid A are received.
- B. ERRS: ERRS expects to load 3 (or more) end dumps/roll-off with stockpile material for disposal at the Keer's landfill outside of Mountainair. ERRS will initiate placement and compacting of the Cover Material (A1A) in a portion of Subgrid B in Area A on the W. Silver site, and pending confirmation sample results, will also place Cover Material in a portion of Subgrid A. ERRS will continue to monitor and coordinate the abatement activities at the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00647 and DSC00649



Photograph DSC00647: Expanded view of Area E, Grid 006 after conformation sample collection and prior to backfilling.



Photograph DSC00649: View of Area E, Grid 006 with barricade fencing in the excavation prior to backfilling.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report November 22, 2013

### **1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 34°F; High: 38°F; Winds from the east and variable at 8 to 16 mph, with local gusts noted up to 31 mph. Overcast skies with intermittent light rain throughout the day, turning partly into freezing rain/snow later in the day.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed 3 Air pumps, 3 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude below the TWA action level of 2.5 mg/cc. START3 reviewed W. Silver's Stormwater Pollution Prevention Plan to assess drainage patterns and site configuration.
- b. Problems Encountered: None.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded three (3) end/dump/roll-offs for a daily total of 42 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 53 loads, for a total volume of 765 cubic yards. ERRS initiated placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS managed the activities of Southwest Hazard Control (SHC), the ERRS asbestos abatement contractor.
- b. Problems Encountered: None

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling if any excavation, loading or stockpile management activities are conducted. START3 will evaluate the need for air sampling and monitoring during cover material placement, based on weather conditions and observations of material conditions or disturbance of the excavation base.
- B. ERRS: ERRS will continue with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site.

## **ATTACHMENTS**

Photographs: DSC00650 and DSC00652

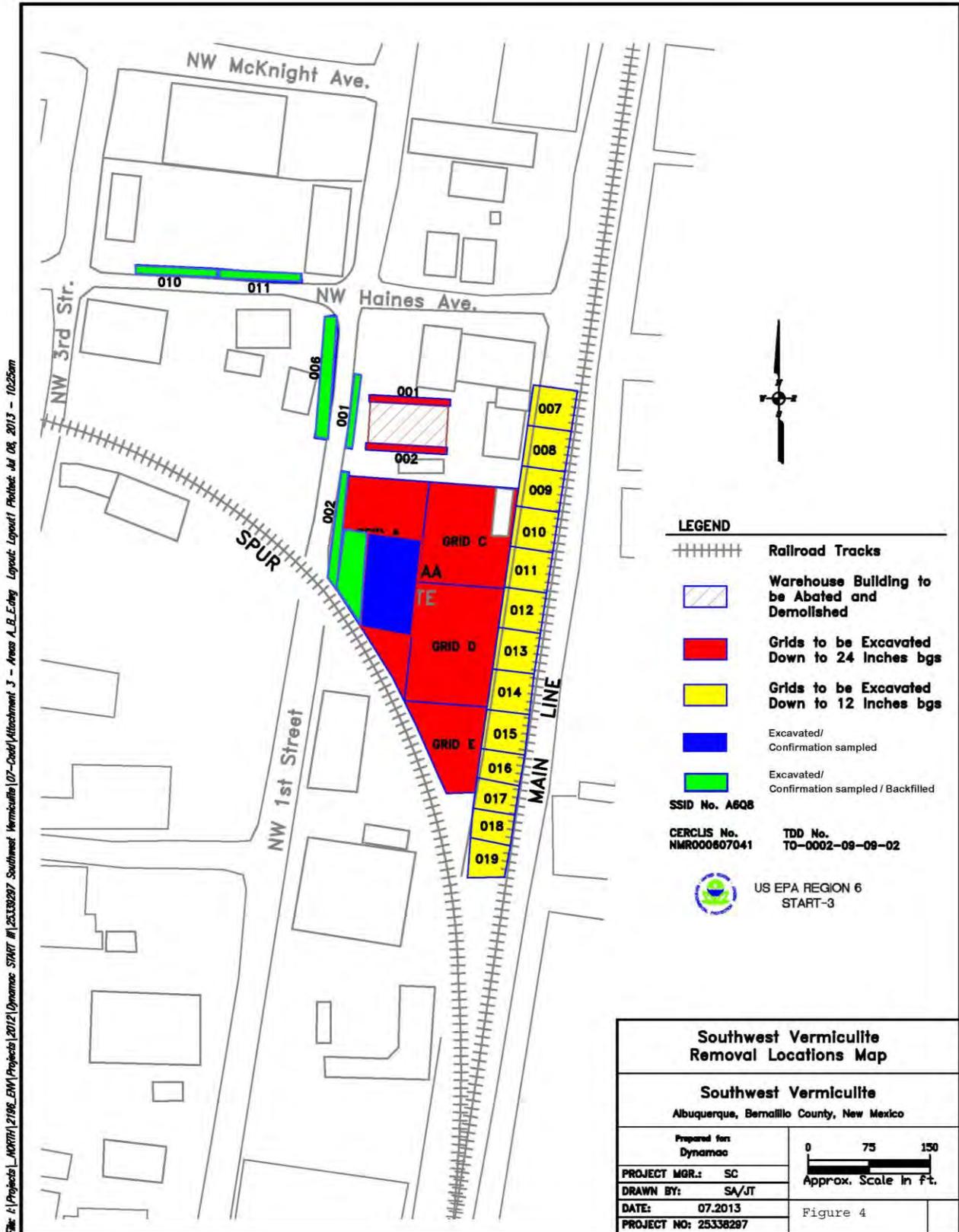


Photograph DSC00650: View of loading activity from stockpile on W. Silver site.



Photograph DSC00652: View of placement and compaction of "Cover Material" (Type A1A Product) within the excavated and cleared areas (B North, A South) on W. Silver site.

Current Removal Status



File: I:\Projects\NORTH\2198\_EIM\Projects\2012\Dynamac\START # 25338297 Southwest Vermiculite\07-Grid\Attachment 3 - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 23, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (off-site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 34°F; High: 37°F; Winds from the east and variable at 8 to 20 mph, with local gusts noted up to 30 mph. Overcast skies with intermittent light snow throughout the day.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: Due to inclement weather, START3 did not deploy air pumps or PDRs, and only deployed the FAM-1 for a short period from 0730 to 0910. No fibers were detected on the FAM-1. START3 continued review of W. Silver's Stormwater Pollution Prevention Plan to assess drainage patterns and site configuration.
- b. Problems Encountered: None.

B. ERRS Activities

- a. Site Progress Made: ERRS continued with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS continued with compaction and grading in the City ROWs.
- b. Problems Encountered: None

**4. Removal Action Future Activities**

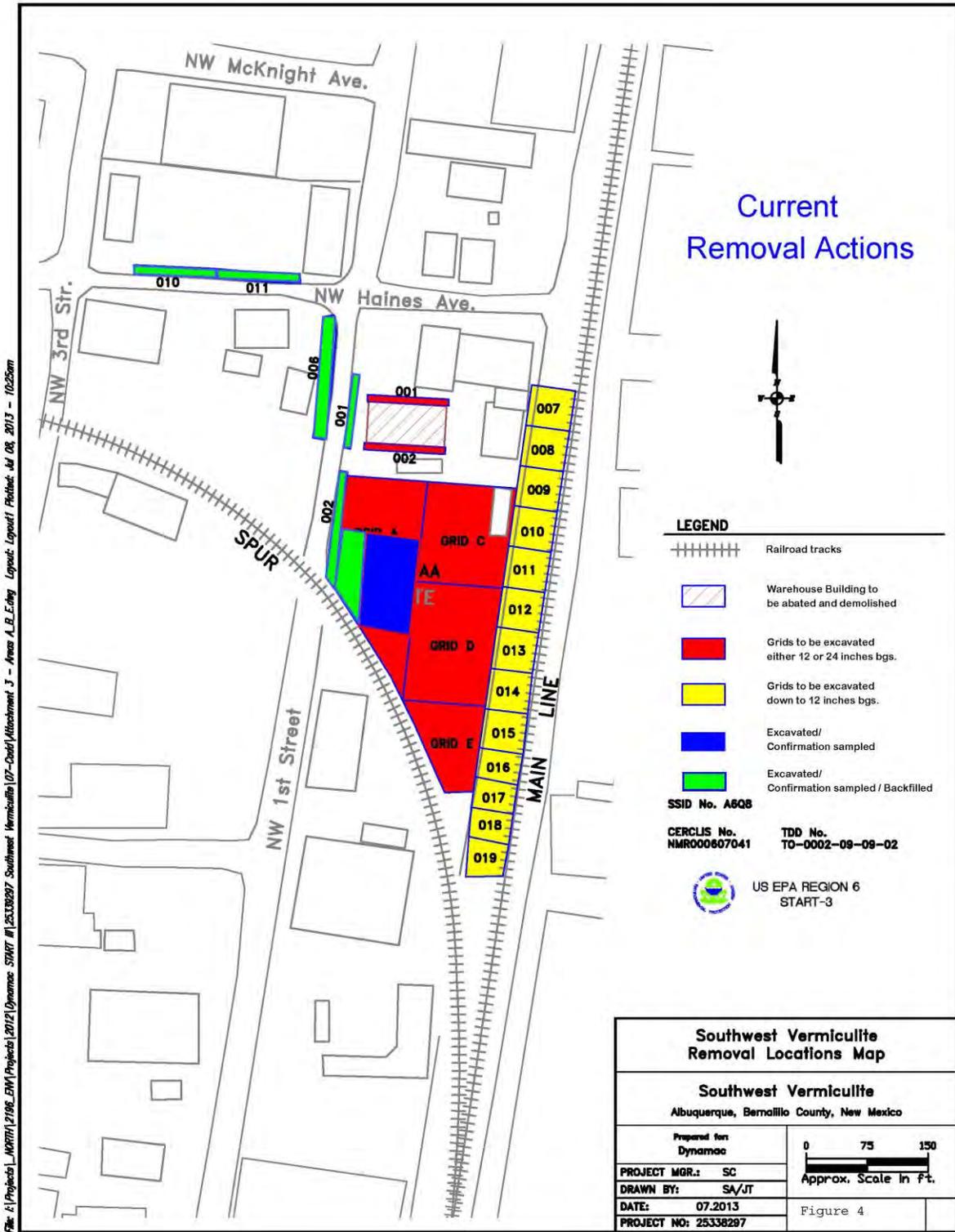
- A. START-3: START3 will conduct air sampling if any excavation, loading or stockpile management activities are conducted. START3 will evaluate the need for air sampling and monitoring during cover material placement, based on weather conditions and observations of material conditions or disturbance of the excavation base.
- B. ERRS: ERRS will continue with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS may load out up to two loads of stockpile material for disposal at the Keer's landfill outside of Mountainair. ERRS will continue to manage the activities of Southwest Hazard Control (SHC), the ERRS asbestos abatement contractor.

**ATTACHMENTS**

No Photographs of note.

Current Removal Status Figure updated.

Current Removal Status



File: I:\Projects\AKR711\2198\_EPA\Projects\2012\Dynamac\START\25338297\_Southwest Vermiculite\07-Grid\Attachment J - Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
November 25, 2013**

**1. Removal Action Site Personnel:**

Work Activity	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 30°F; High: 40°F; Winds from the northwest at 7 to 9 mph. Overcast skies with clearing late.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 continued air sampling during loading operations of stockpiled material on the W. Silver site. START3 deployed 3 Air pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1; and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude below the TWA action level of 2.5 mg/cc.

**B. ERRS Activities**

- a. Site Progress Made: ERRS loaded two (2) end dumps for a daily total of 30 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 55 loads, for a total of 795 cubic yards. ERRS continued with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS coordinated with W. Silver to have equipment make a test run over the area, which resulted in deep rutting and getting a forklift stuck. ERRS managed the activities of Southwest Hazard Control (SHC); the ERRS asbestos abatement contractor.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air monitoring with the FAM and PDRs during cover material placement. START3 will evaluate the need for air sampling as cover material placement occurs. START3 will secure monitoring and sampling equipment prior to breaking for Thanksgiving.
- B. ERRS: ERRS will continue with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS will manage the site to assure areas are secured prior to breaking for the Thanksgiving Holiday. ERRS will continue to manage the final activities of Southwest Hazard Control (SHC), the ERRS asbestos abatement contractor. SHC is expected to complete activities on 11/26/13.

## **ATTACHMENTS**

Photographs:

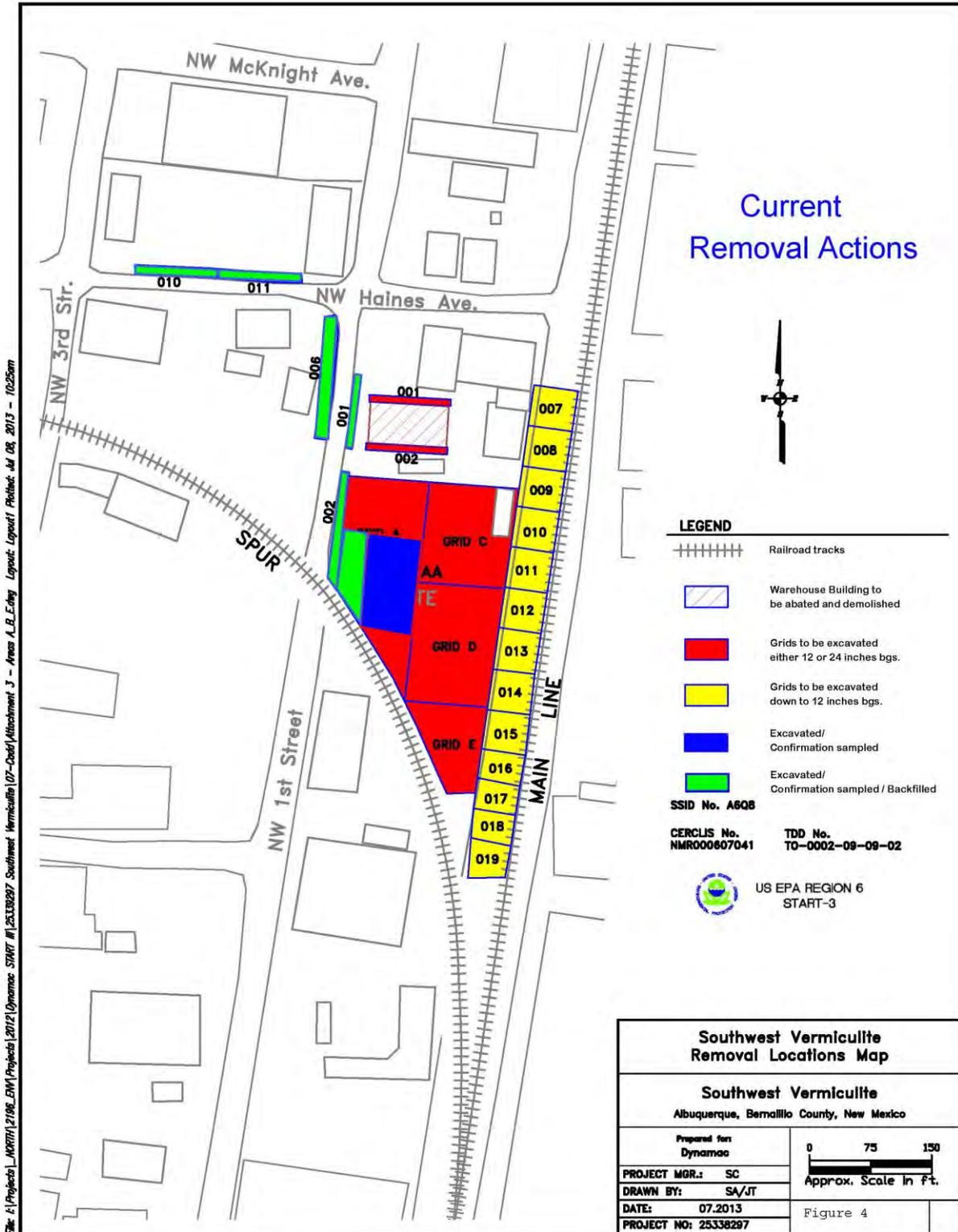


Photograph DSC00654: Photo south of forklift stuck on test track of compacted Cover Material.



Photograph DSC00656: Photo southeast of loading operations on the W. Silver site.

Current Removal Status Figure.



File: I:\Projects\NM0711\2106\_EPA\Projects\2012\Dynamac\START #1\25338287\_Southwest Vermiculite [07-Cad]/Attachment J - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

# December 2013

## Daily Progress Reports

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 2, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 35°F; High: 58°F; Winds from the south/southwest at 4 – 5 mph. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air monitoring during placement and compacting of cover material on the W. Silver site. START3 deployed 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS prepared for additional excavation to 24" bgs in the City ROW (Area E, Grid 001) where asbestos detected at 1.5% in the base of the excavation at 12" bgs.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as excavation activities are conducted in the City ROW areas and/or excavation of the remaining areas of Grid B on the W. Silver site. START3 will continue to coordinate and plan for additional indoor air (dust and/or wipe) sampling of the office and warehouse space on the W. Silver site.
- B. ERRS: ERRS expects to continue with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS will excavate an additional foot of material (to a 2 foot depth) on the City ROW (Area E, Grid 001). ERRS will excavate the remainder of the southern portion of Grid B on the W. Silver site. ERRS will prepare the former exfoliation building for demolition following approval from the City of Albuquerque.

## **ATTACHMENTS**

Photographs: DSC00661 and DSC00669

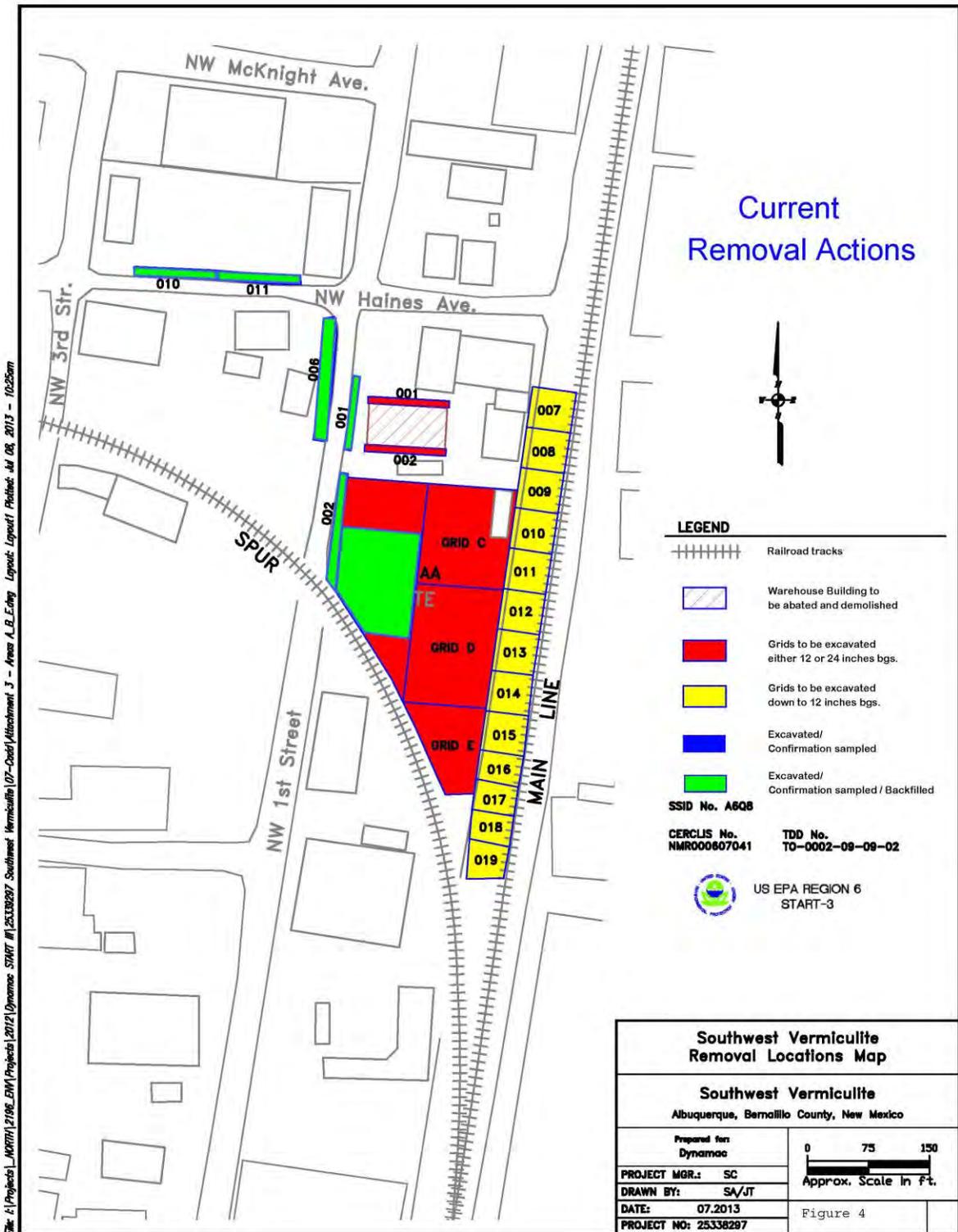


Photograph DSC00661: Expanded view looking west at interior of former exfoliation building, following completion of abatement activities.



Photograph DSC00669: Close view looking south at grading and compaction of cover material in Area A, Grids A/B on the W. Silver site

Current Removal Status Figure (Updated 12/2/13).



File: I:\Projects\MORTN\2196.ENV\Projects\2012\Dynamac\START\07-Grids\Miscellaneous - Areas A,B,E.dwg Layout: Layout1 Plot: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 3, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 35°F; High: 64°F; Winds light and variable from the south/southwest early, climbing to 10+ mph and variable late in the day. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air monitoring during placement and compacting of cover material on the W. Silver site. START3 collected a confirmation soil sample at 24" bgs in the City ROW (Area E, Grid 001). START3 deployed 5 air sample pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS conducted additional excavation to 24" bgs in the City ROW (Area E, Grid 001). Upon completion of the excavation, and after START3 sampled the soil, ERRS initiated backfilling of the City ROW (Area E, Grid 001).

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as excavation activities are conducted in the remaining areas of Grid B on the W. Silver site. START3 will collect additional waste profile samples (for TCLP Lead only) after further gridding of Grid E on the W. Silver site. START3 will continue to coordinate and plan for indoor air (dust and/or wipe) sampling of the office and warehouse space on the W. Silver site.
- B. ERRS: ERRS expects to continue with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B in Area A on the W. Silver site. ERRS will complete backfilling of the City ROW, Grid 001. ERRS will initiate excavation of the southern portion of Grid B on the W. Silver site. ERRS will prepare the former exfoliation building for demolition by removing any salvageable equipment or general waste from the building prior to demolition.

## **ATTACHMENTS**

Photographs: DSC00671 and DSC00673

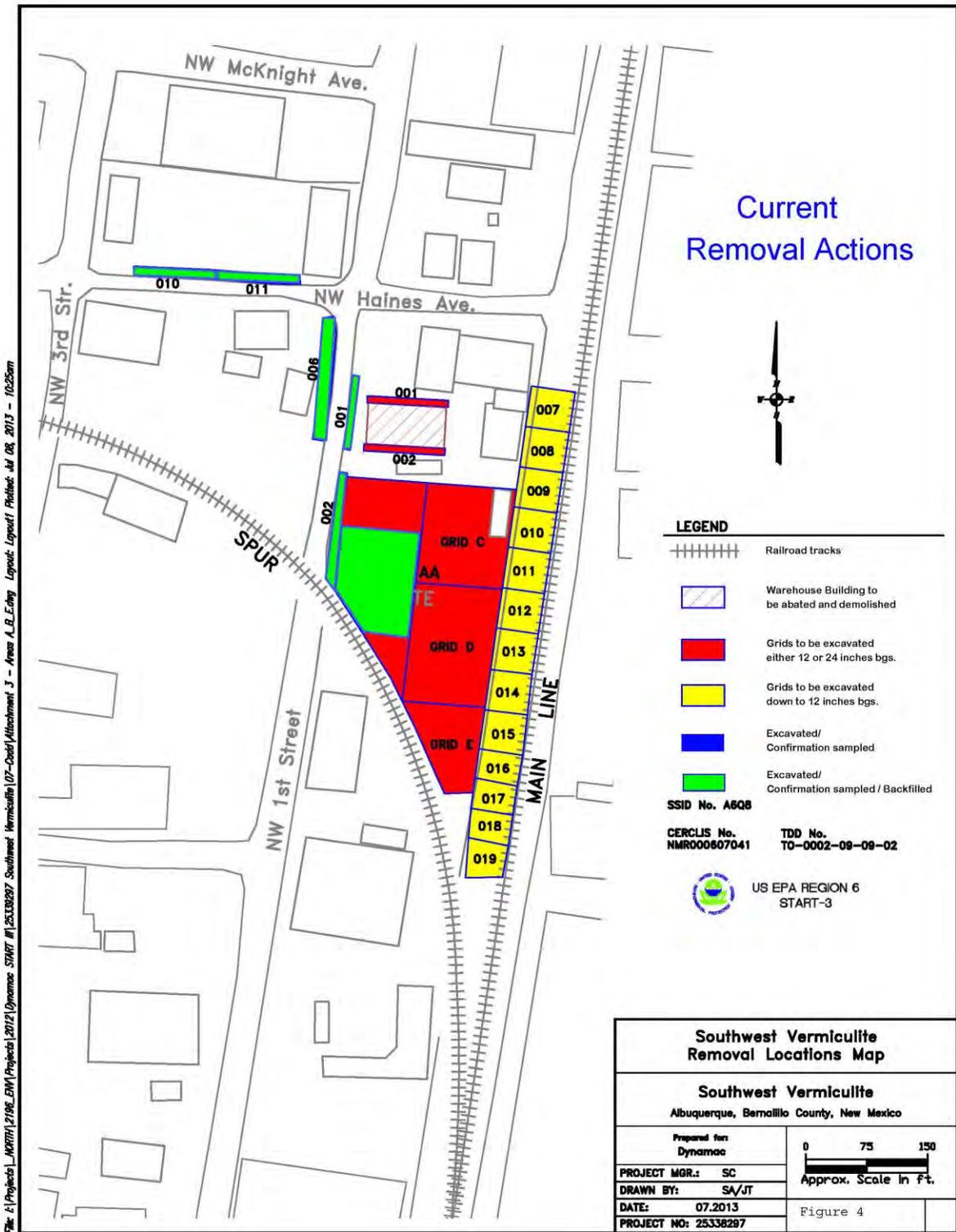


Photograph DSC00671: View looking southeast at excavation activities in Grid 001 of the City ROW. Dust suppression in progress.



Photograph DSC00673: Expanded view looking south at final excavation depth and ongoing confirmation sampling and placement of barricade fencing in Grid 001 of the City ROW prior to backfilling

Current Removal Status Figure (Updated 12/2/13).



File: I:\Projects\MORTN\2196-ENV\Projects\2012\Dynamac-SPART-III\25338297-Southwest-Vermiculite\07-Grids\Attachment\_3 - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 4, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 40°F; High: 59°F; Winds moderate at up to 20 mph, with gusts up to 30 mph from the south/southwest early, switching to variable winds late in the day. Clear skies early with increased cloudiness late. No precipitation noted during the day.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 continued air monitoring during placement and compacting of cover material on the W. Silver site. START3 collected a confirmation soil sample (0-6" bgs) after a 24" bgs removal in the southern portion of Grid B on W. Silver. START3 deployed 3 air sample pumps, 2 PDRs and one FAM-1 to collect samples at the site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued with placement and compacting of the Cover Material (Type A1A) in a portion of Subgrids A and B (northern portion) in Area A on the W. Silver site. ERRS completed placement and compaction of backfill in the City ROW (Area E, Grid 001). ERRS removed salvageable equipment or general waste from the former exfoliation building in advance of building demolition. ERRS completed excavation (24" bgs) of the southern portion of Grid B on the W. Silver site. Following collection of a confirmation sample by START3, ERRS initiated backfilling of Grid B on the W. Silver site.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as placement, compaction and grading activities are conducted in Grids A and B on the W. Silver site. START3 will conduct air sampling and monitoring in conjunction with the demolition of the former exfoliation building. START3 will continue to coordinate and plan for indoor air (dust and/or wipe) sampling of the office and warehouse space on the W. Silver site.
- B. ERRS: ERRS expects to continue with placement, compacting and grading of the Cover Material in a portion of Subgrids A and B on the W. Silver site. ERRS will load end dumps/roll-offs with stockpile contaminated material from the W. Silver site for disposal at the Keer's landfill outside of Mountainair. ERRS will initiate demolition of the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00677 and DSC00680

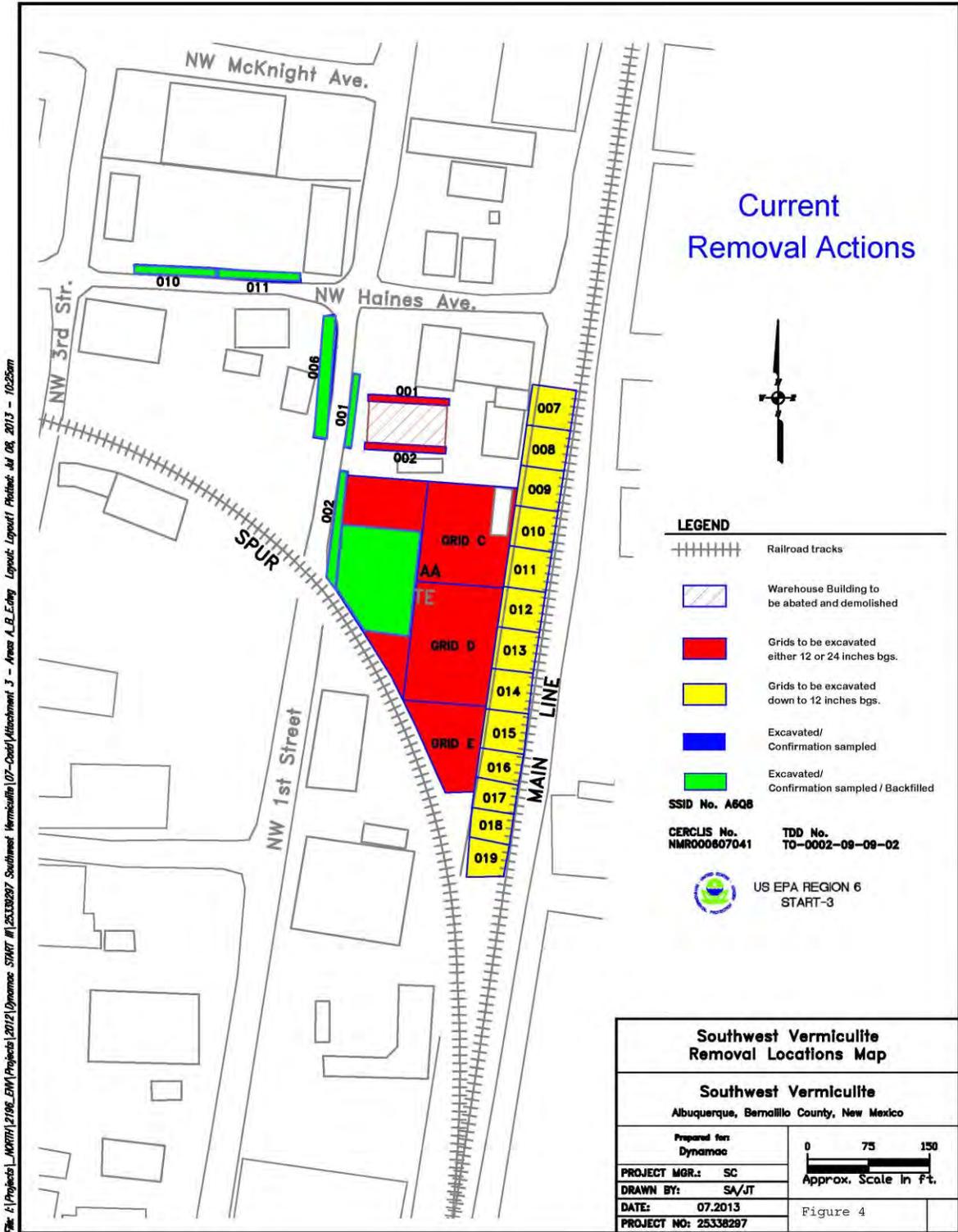


Photograph DSC00677: View looking southeast at excavation activities in the southern portion of Grid B on the W. Silver site. Dust suppression in progress.



Photograph DSC00680: Close view looking southeast at final excavation depth and placement of barricade fencing in the southern portion of Grid B on the W. Silver site.

Current Removal Status Figure (Updated 12/2/13).



File: I:\Projects\MORTN\2196.ENV\Projects\2012\Dynamac\SPUR\07-Grids\Attachment\_3 - Areas A,B,E.dwg Layout: Layout1 Plot: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 5, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 26°F; High: 36°F; Winds light (3-5 mph) from the north/northwest. Light snow falling throughout the day, until late afternoon. Accumulation of approximately 2 inches.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: Due to inclement weather, START3 did not deploy any air samplers or monitors. START3 monitored the day's activities which included loading of 9 end dumps/roll-offs and demolition of the former exfoliation building.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded nine (9) end dump/roll offs for a daily total of 132 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 64 loads, for a total of 927 cubic yards. ERRS initiated demolition of the former exfoliation building by removing the sheet metal roof and walls in advance of demolition of the support structure.

### **4. Removal Action Future Activities**

- A. START-3: Weather permitting, START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as demolition of the former exfoliation building occurs and during placement, compaction and grading activities on the W. Silver site. START3 will continue to coordinate and plan for indoor (dust) sampling of the office and warehouse space on the W. Silver site.
- B. ERRS: ERRS expects to continue with placement, compacting and grading of the Cover Material in Grids A and B on the W. Silver site. ERRS will continue with demolition of the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC00682 and DSC00686

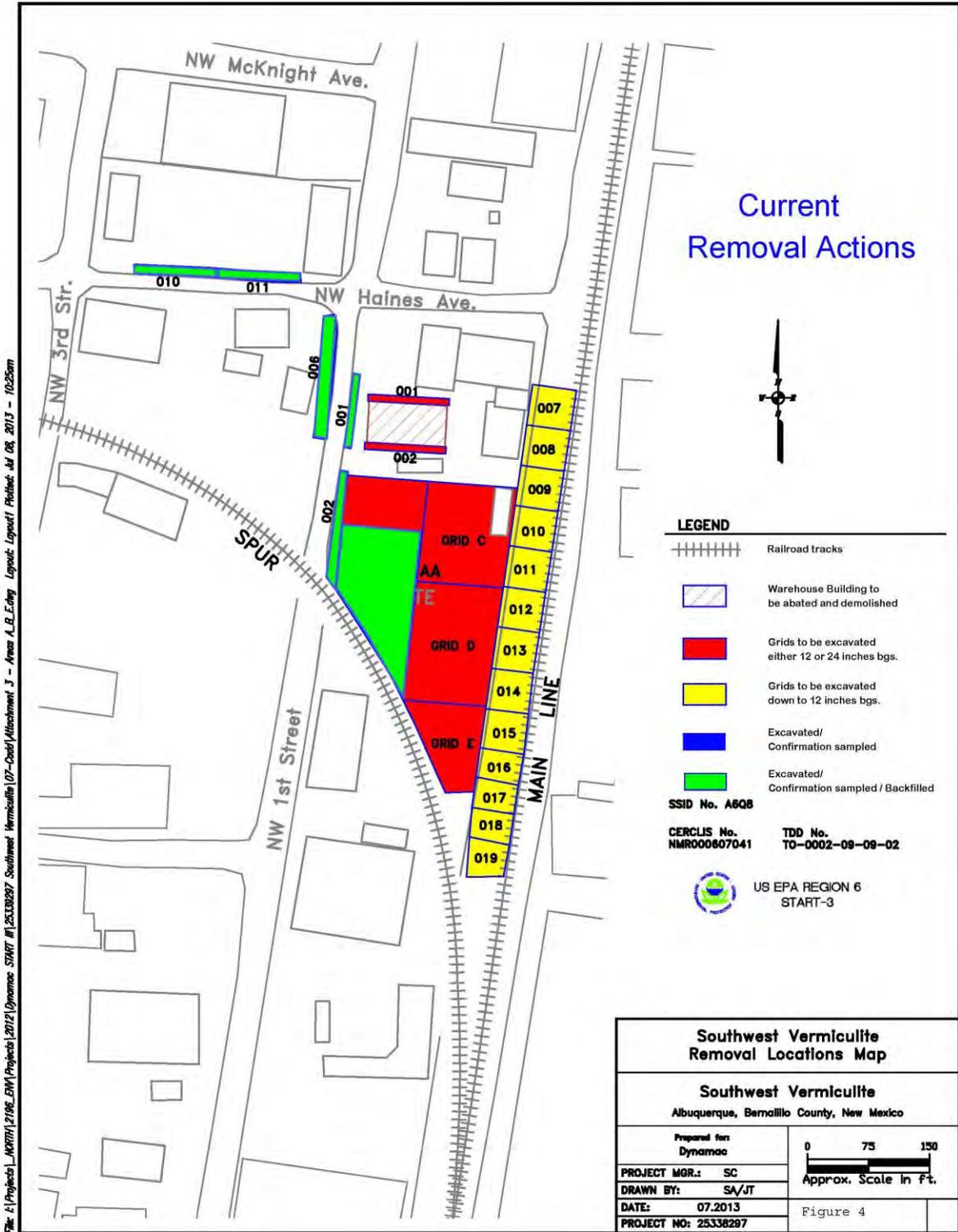


Photograph DSC00682: View looking southeast at dust suppression activities related to end dump/roll off loading. Note, W. Silver personnel operating in background.



Photograph DSC00686: View looking south at initial demolition activities of the former exfoliation building, starting with removal of the sheet metal roofing,

Current Removal Status Figure (Updated 12/5/13).



File: I:\Projects\MORTN\2196-ENV\Projects\2012\Dynamac\START\25338297\_Southwest\_Vermiculite\07-Grids\Miscellaneous - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 6, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 14°F; High: 38°F; Winds light (3-5 mph) from the south/southwest. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued with demolition of the former exfoliation building by removing the sheet metal roof and walls in advance of demolition of the support structure. ERRS staged the resulting material in Area A, Grid C on W. Silver for recycling. ERRS continued with the placement, compacting and grading of the Cover Material in Area A, Grids A and B on the W. Silver site.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as demolition of the former exfoliation building occurs and during placement, compaction and grading activities on the W. Silver site. START3 will continue to coordinate and plan for indoor (dust) sampling of the office and warehouse space on the W. Silver site.
- B. ERRS: ERRS expects to continue with placement, compacting and grading of the Cover Material in Grids A and B on the W. Silver site. ERRS will finalize demolition of the former exfoliation building by bringing down the main wooden beam structure once W. Silver personnel leave the site for the day (noon).

## **ATTACHMENTS**

Photographs: DSC00690 and DSC00692

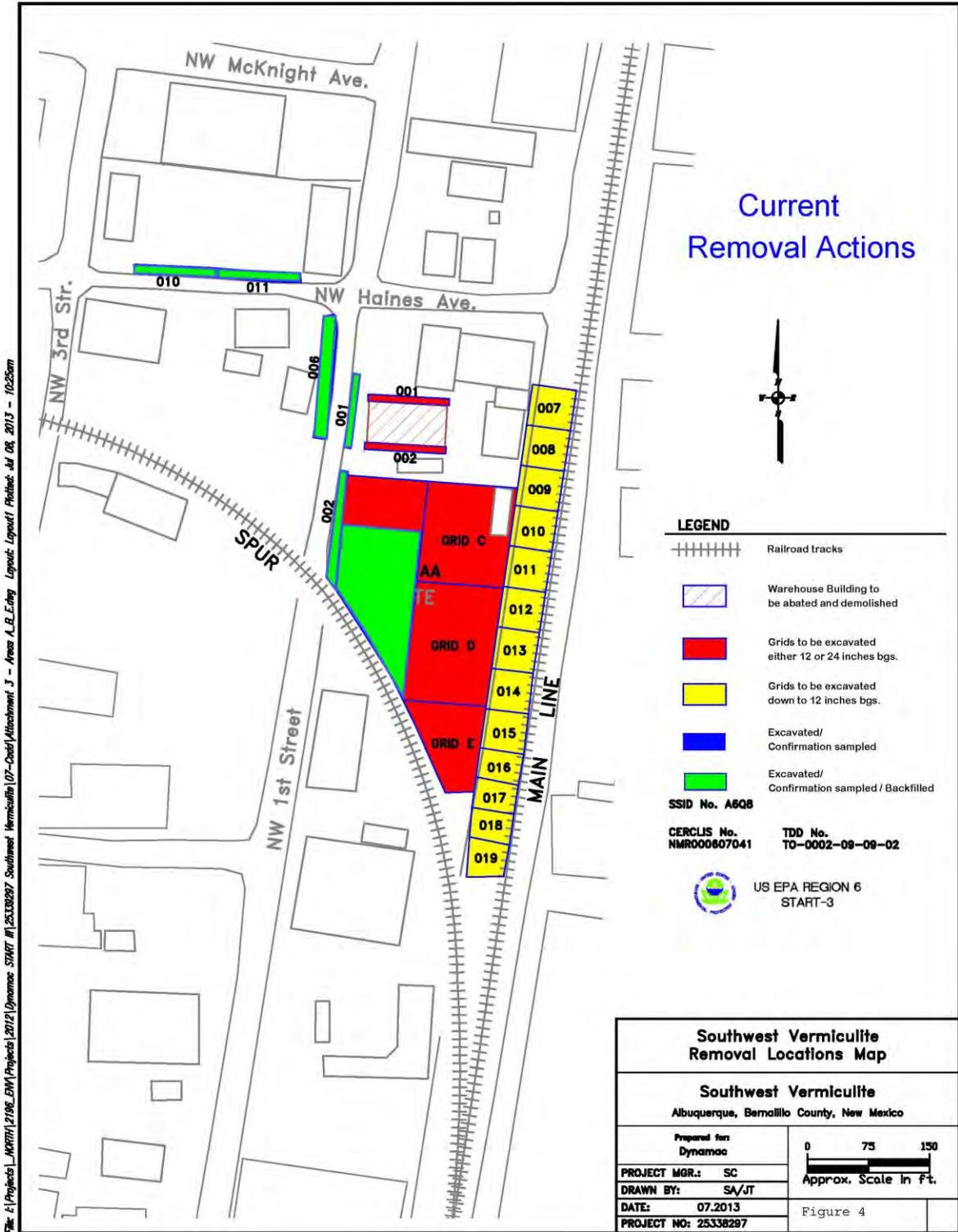


Photograph DSC00690: View looking west into the structure of the former exfoliation building during demolition activities.



Photograph DSC00692: View looking northeast at former exfoliation building following removal of the sheet metal siding and roofing.

Current Removal Status Figure (Updated 12/5/13).



File: I:\Projects\MORTN\2196.ENV\Projects\2012\Dynamac\SPRINT\25338297\_Southwest\_Vermiculite\07-Grids\Attachment\_3 - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 7, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 20°F; High: 32°F; Winds light (5-9 mph) from the south/southwest. Clear skies early, changing to overcast skies my mid-morning.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS completed demolition of the former exfoliation building and initiated management of the resulting debris by sorting the sheet metal for recycling and the wooden beam/wall structure for disposal at Keer's landfill at Mountainair. ERRS continued compacting and grading of the Cover Material in Area A, Grids A and B on the W. Silver site.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as management of the debris from the former exfoliation building continues and during compacting and grading activities on the W. Silver site. START3 will conduct indoor (dust) sampling of the office and warehouse space, as well as soil/dirt and air sampling of the main warehouse on the W. Silver site.
- B. ERRS: ERRS expects to load end dumps/roll offs from materials in the stockpile on the W. Silver site if weather conditions allow. ERRS will assess grade of the cover material and (if needed) will continue with placement, compacting and grading of the Cover Material in Area A, Grids A and B on the W. Silver site. ERRS will complete management of the debris from demolition of the former exfoliation building. ERRS will place a geotextile fabric over the cover material in Area A, Grids A and B and initiate transfer of scrap materials from Grid E on the W. Silver site.

## **ATTACHMENTS**

Photographs: DSC00696 and DSC00698

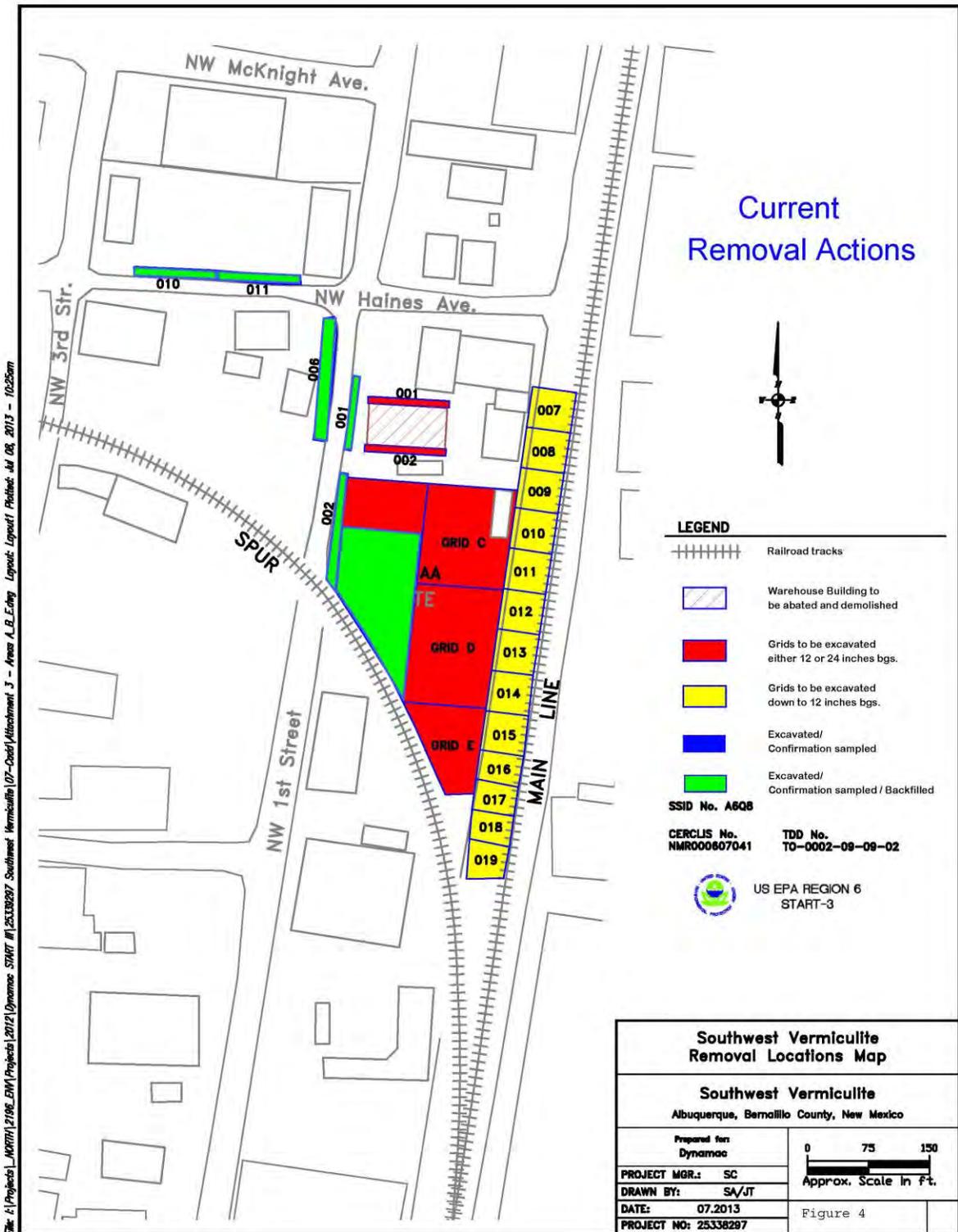


Photograph DSC00696: View looking southeast at debris from demolition of the former exfoliation building.



Photograph DSC00698: View looking southeast at stockpile area on the W. Silver site with debris from the former exfoliation building placed for disposal at Keer's landfill at Mountainair.

Current Removal Status Figure (Updated 12/5/13).



File: I:\Projects\MORTN\2196.ENV\Projects\2012\Dynamac\SPURT\07-Grids\Miscellaneous - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 9, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 25°F; High: 30°F; Winds variable 9 - 18 mph from the northwest. Cloudy skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 also deployed two air sample pumps within the W. Silver warehouses and collected sweep/dirt samples for laboratory analysis. START3 collected six "dust samples" from within the Main office and Managers offices adjacent to the warehouses.

#### **B. ERRS Activities**

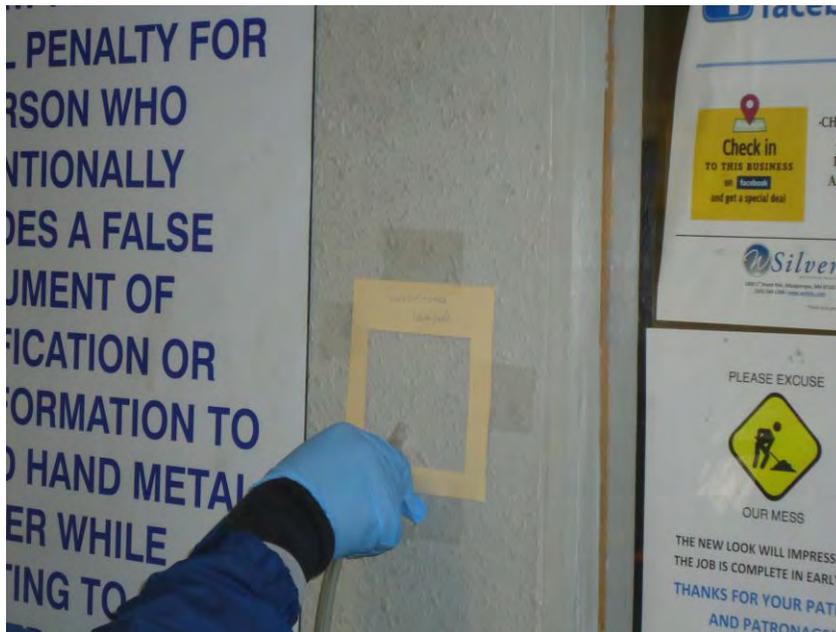
- a. Site Progress Made: ERRS continued management of the debris resulting from the demolition of the former exfoliation building. ERRS sorted the sheet metal for recycling and the wooden beam/wall structure was stockpiled for disposal at Keer's landfill at Mountainair. ERRS loaded seven (7) end dump/roll offs for a daily total of 99 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 71 loads, for a total of 1,023 cubic yards. ERRS initiated relocating metal scrap from Grid E on the W. Silver site into the completed Grids A and B area on W. Silver.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as management of the debris from the former exfoliation building continues and during relocation of the scrap metal. START3 will collect confirmation samples as excavation is complete adjacent to the former exfoliation building.
- B. ERRS: ERRS expects to complete management of the debris from the former exfoliation building and will excavate the soil areas adjacent to the building. ERRS will continue moving scrap metal onto the completed Grid A/B areas on the W. Silver site.

## **ATTACHMENTS**

Photographs: DSC00701 and DSC00718

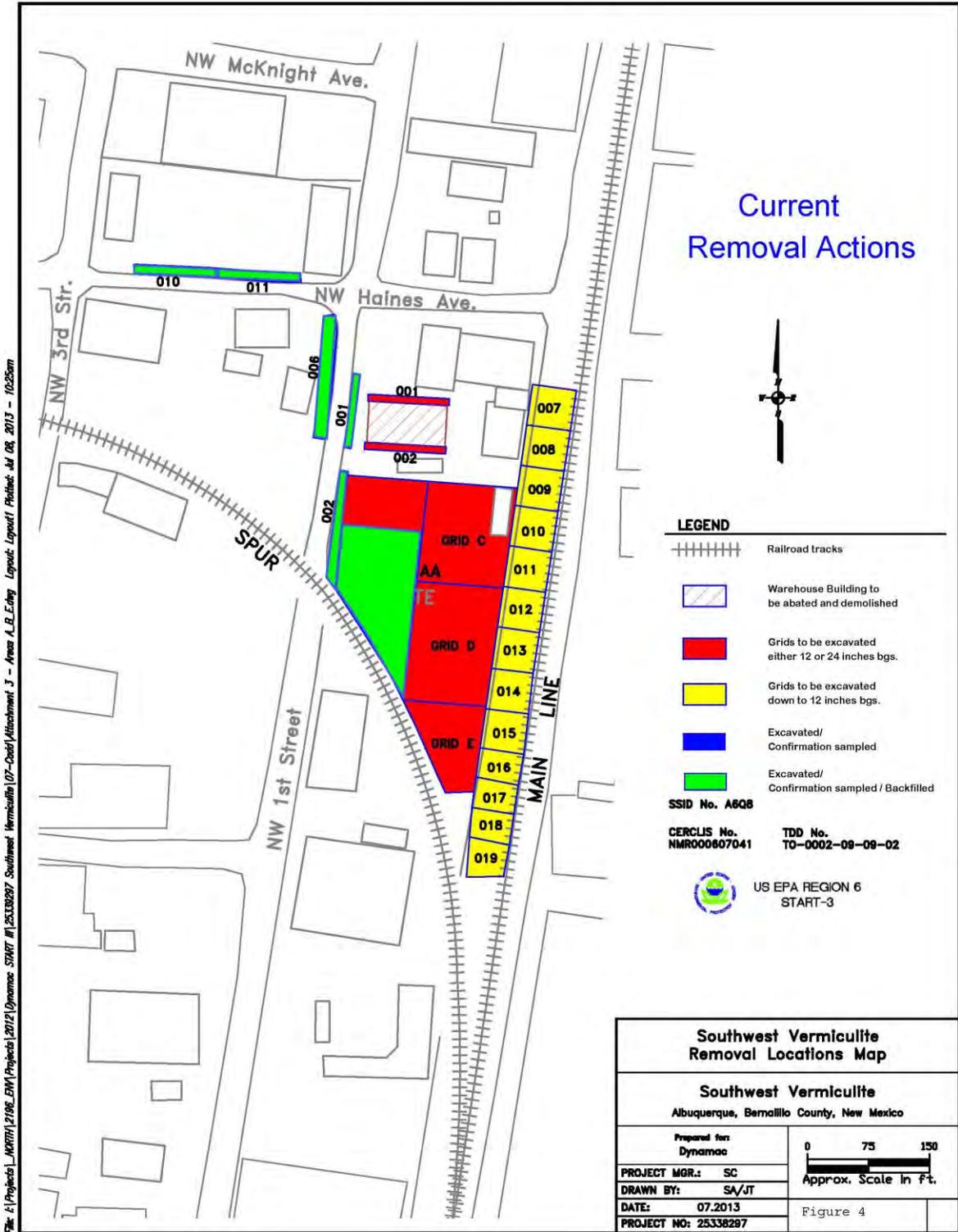


Photograph DSC00701: View looking southwest at START personnel conducting “dust sampling” within the main office on the W. Silver site.



Photograph DSC00718: View looking northwest at exposed soil area where a visible vermiculite layer was observed under the concrete adjacent to the former exfoliation building concrete pad.

Current Removal Status Figure (Updated 12/5/13).



File: I:\Projects\MORTN\2196-ENV\Projects\2012\Dynamac\SPRINT\25338297\_Southwest\_Vermiculite\07-Grids\Attachment\_3 - Areas A,B,E.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 10, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 12°F; High: 30°F; Winds variable light at 4-6 mph from the north/northwest. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample (0-1" bgs after a two foot removal) from the dirt area (Grid 001) located north of the former exfoliation building, where a layer of vermiculite was observed under the concrete pad.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued management of the debris resulting from the demolition of the former exfoliation building. ERRS sorted the sheet metal for recycling and the wooden beam/wall structure was stockpiled for disposal at Keer's landfill at Mountainair. ERRS initiated excavation of the dirt areas (to 12" bgs) adjacent to the concrete pad of the former exfoliation building.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as management of the debris from the former exfoliation building continues and during relocation of the scrap metal. START3 will collect confirmation samples as excavation is complete adjacent to the former exfoliation building.
- B. ERRS: ERRS expects to complete management of the debris from the former exfoliation building and will excavate the soil areas adjacent to the building. ERRS will continue moving scrap metal onto the completed Grid A/B areas on the W. Silver site.

## **ATTACHMENTS**

Photographs: DSC00701 and DSC00718

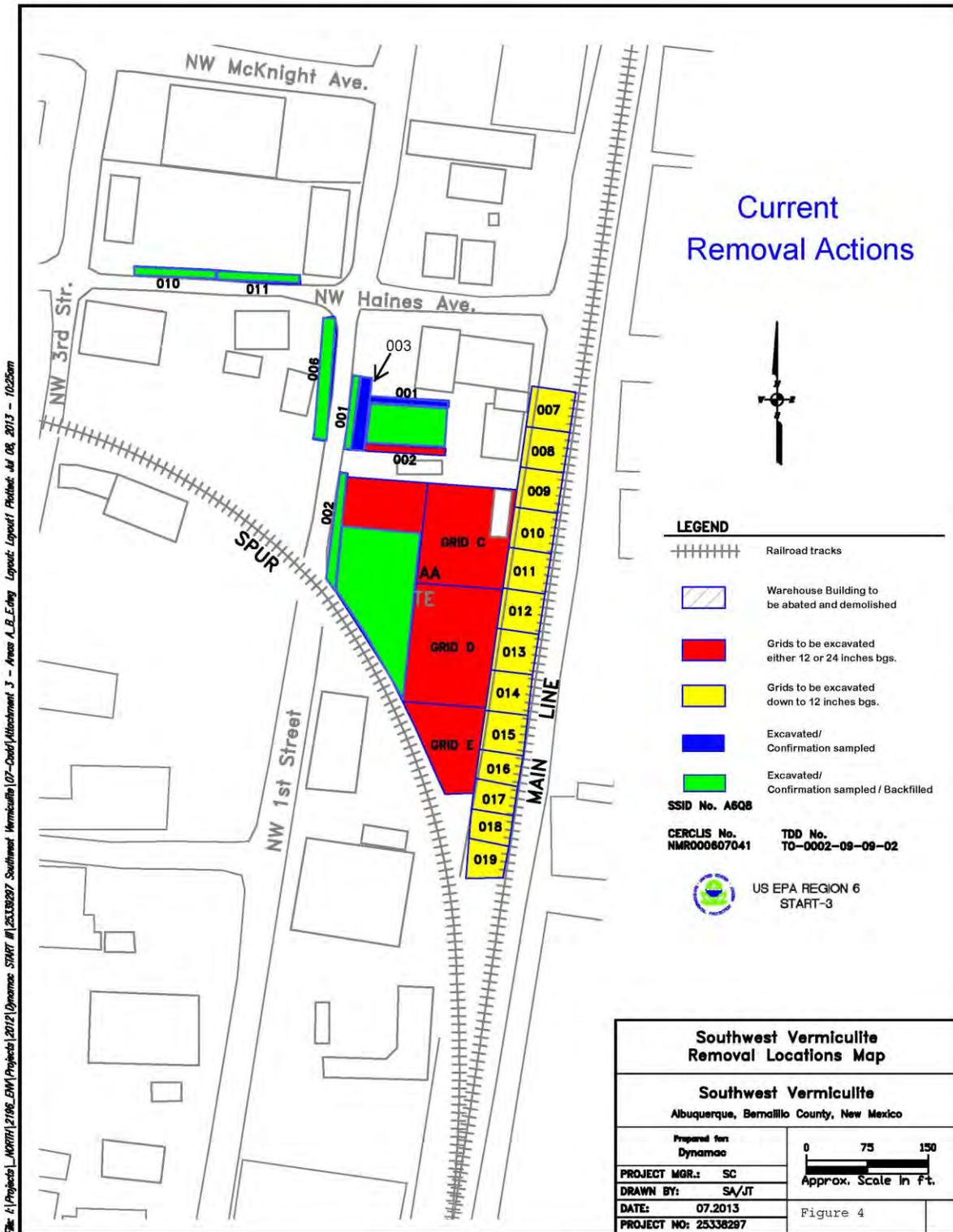


Photograph DSC00724: View looking east at excavation activities in a dirt strip (Grid 002) along the southern portion of the concrete pad adjacent to the former exfoliation building.



Photograph DSC00725: View looking east at excavation activities in a dirt strip (Grid 001) along the northern portion of the concrete pad adjacent to the former exfoliation building. A layer of visible vermiculite was observed in the soil under the concrete pad.

Current Removal Status Figure (Updated 12/10/13).



File: I:\Projects\MCR771\2106\_EMI\Projects\2012\Dynamac\_START #1\25338297\_Southwest\_Vermiculite\07-Conf\Attachment 3 - Areas A,B,C,Excav Layout: Layout1 Plotdate Jul 08, 2013 - 1025am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 11, 2013

### 1. Removal Action Site Personnel:

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### 2. Removal Action, Site Conditions:

- A. Today's Weather: Low: 20°F; High: 42°F; Winds variable at 3 - 5 mph from the north/northwest. Mostly clear skies.

### 3. Removal Action Daily Site Activities

#### A. START-3 Activities

- a. Site Progress Made: START3 deployed three air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample (0-6" bgs after a one foot excavation) from a dirt area (designated as Area A, Grid 003) located west of the former exfoliation building. START 3 collected a partial sample from the Area A Grid 002 area, west of the former exfoliation building. The remainder will be collected after the ground thaws out and the grid is excavated. START3 was informed that the air samples collected on 12/9/13, in sequence with the sweep/dirt samples in the W. Silver warehouse, were overloaded with particulates. A decision was made to have the lab conduct a "redeposit procedure" to attempt to reduce/eliminate the particulate overloading and assess the presence of asbestos fibers.

#### B. ERRS Activities

- a. Site Progress Made: ERRS completed management of the debris resulting from the demolition of the former exfoliation building. ERRS completed excavation of the soil areas (to 12" bgs) adjacent to (south and west) the concrete pad of the former exfoliation building. Upon collection of confirmation samples by START3, ERRS placed orange construction fencing in the excavation prior to backfilling. ERRS continued supporting efforts to move scrap metal from Area A, Grid E to the Grid A/B areas.

### 4. Removal Action Future Activities

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs as management of the debris from the former exfoliation building continues and during relocation of the scrap metal. As weather conditions allow, START3 will collect the final aliquot of the confirmation sample as excavation is complete in the soil areas south of the former exfoliation building (Area A, Grid 002). START3 will prepare to collect additional assessment/confirmation samples from Grid E area and analyze the soil for TCLP Lead and asbestos.
- B. ERRS: ERRS expects to continue excavating the soil area adjacent to the former exfoliation building which was previously frozen. ERRS will continue supporting efforts to move scrap metal onto the completed Grid A/B areas on the W. Silver site. ERRS will load end dumps/roll-offs with stockpile contaminated material from the W. Silver site for disposal at the Keer's landfill outside of Mountainair.

## **ATTACHMENTS**

Photographs: DSC00730 and DSC00732

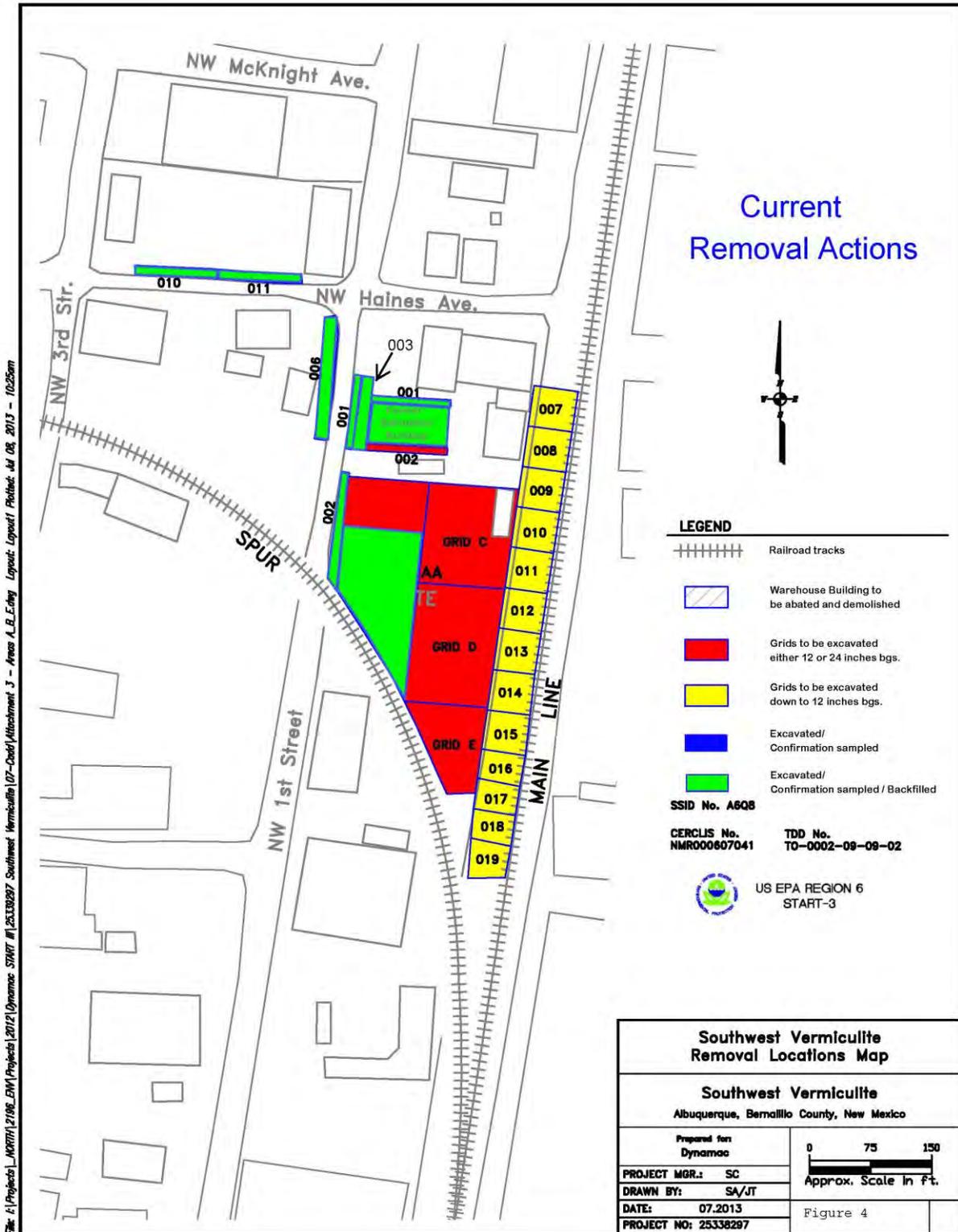


Photograph DSC00730: View looking southeast at activities related to moving scrap metal onto the cleaned Area A, Grids A/B from Grid E on the W. Silver site.



Photograph DSC00732: View looking northeast at cleaned concrete pad of the former exfoliation building.

Current Removal Status Figure (Updated 12/11/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SWV\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
December 12, 2013**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 24°F; High: 42°F; Winds variable at 0 - 3 mph from the north/northwest. Mostly clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

**B. ERRS Activities**

- a. Site Progress Made: ERRS loaded five (5) end dump/roll offs for a daily total of 69 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 76 loads, for a total of 1,092 cubic yards. ERRS continued supporting W. Silvers efforts to move scrap metal from Area A, Grid E to the Grid A/B areas.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with air sample pumps, FAM-1 and PDRs during relocation of the scrap metal. As weather conditions allow, START3 will collect the final aliquot of the confirmation sample as excavation is complete in the dirt areas south of the former exfoliation building (Area A, Grid 002). START3 will prepare to collect additional assessment/confirmation samples from Grid E area and analyze the soil for TCLP Lead and asbestos.
- B. ERRS: ERRS expects to continue excavating the soil area adjacent to the former exfoliation building which was previously frozen. ERRS will continue supporting efforts to move scrap metal onto the completed Grid A/B areas on the W. Silver site. ERRS will support sampling operations within Grid E to allow for sampling at the 12-18" bgs depth.

## **ATTACHMENTS**

Photographs: DSC00735 and DSC00737

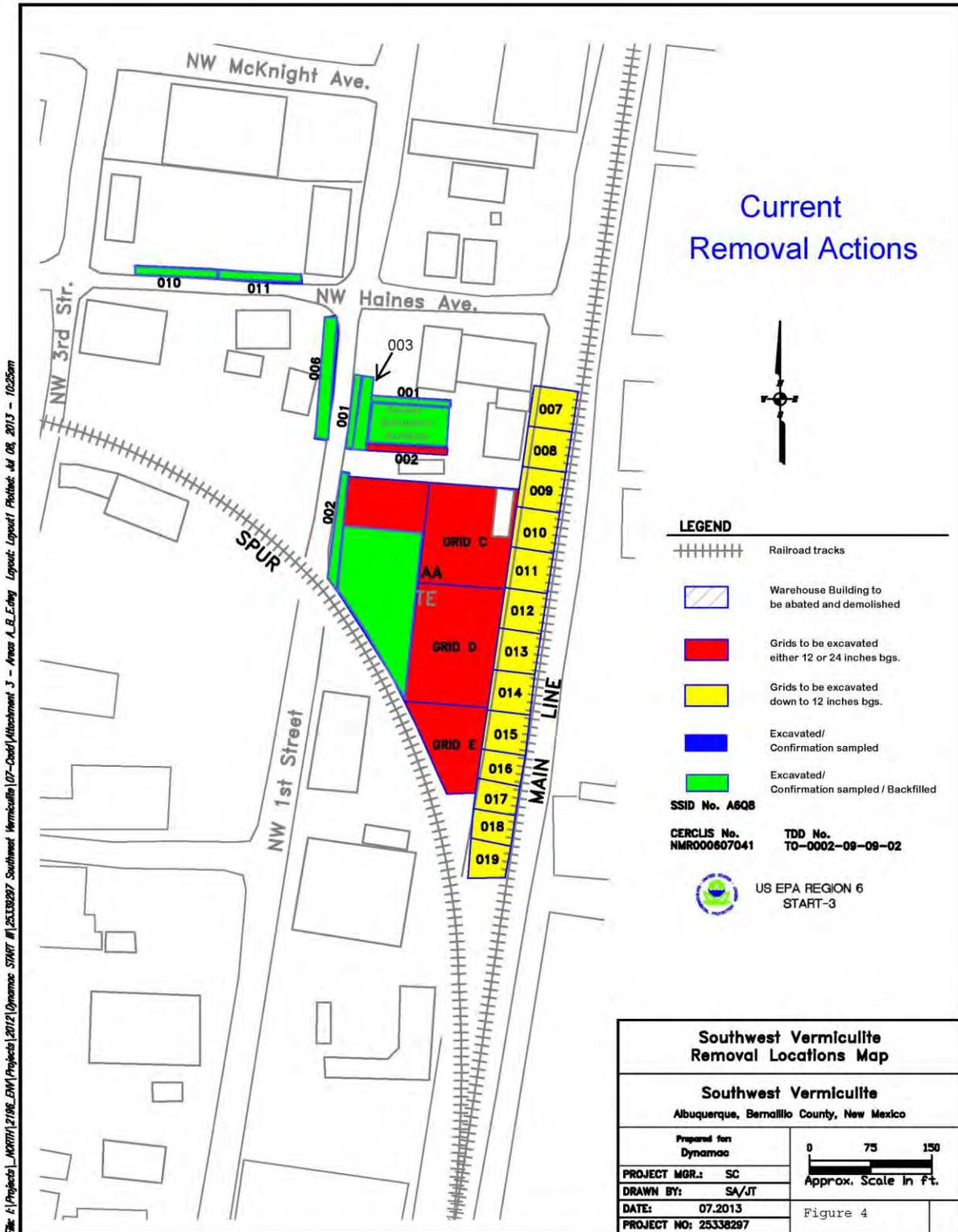


Photograph DSC00735: View looking southwest at truck loading operations; dust suppression in progress.



Photograph DSC00737: View looking east/northeast at scrap metal pile located on Grid A/B after relocation from Grid E.

Current Removal Status Figure (Updated 12/11/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SWV\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plotdate: Jul 08, 2013 -- 1025am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 13, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 31°F; High: 42°F; Winds variable at 4 - 5 mph, from the west/northwest. Cloudy skies early, clearing late morning.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. **Site Progress Made:** START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected 12 five-point composite samples and a duplicate from six (sub grid) locations and two depth profiles (0 – 6" bgs and 12 – 18" bgs) in Grid E. Samples were shipped to the Test America for TCLP Lead analysis. START3 also collected an additional six-point composite sample from the lower depth profile (12 – 18" bgs) for asbestos analysis. START3 was informed that the "sweep/dirt" samples collected on 12/9/13 from within the W. Silver warehouses had no asbestos detected. The corresponding air samples are still undergoing analysis.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS continued supporting efforts to move scrap metal from Area A, Grid E to the Grid A/B areas. Upon removal of the scrap metal from Grid E, ERRS personnel supported the START3 sampling efforts by excavating down to 12" bgs at the sub grid sampling locations.

### **4. Removal Action Future Activities**

- A. **START-3:** Operations are expected to be limited, hence START3 will conduct air monitoring with the FAM-1 and PDRs as activities are conducted. START3 will collect the final aliquot of the confirmation sample as excavation is complete in the dirt areas south of the former exfoliation building (Area A, Grid 002).
- B. **ERRS:** ERRS will complete excavation of the soil area adjacent to the former exfoliation building which was previously frozen. ERRS will also hand excavate small soil areas and backfill these areas following collection of confirmation samples. ERRS will manage the stockpile located on the W. Silver site.

## **ATTACHMENTS**

Photographs: DSC00738 and DSC00748

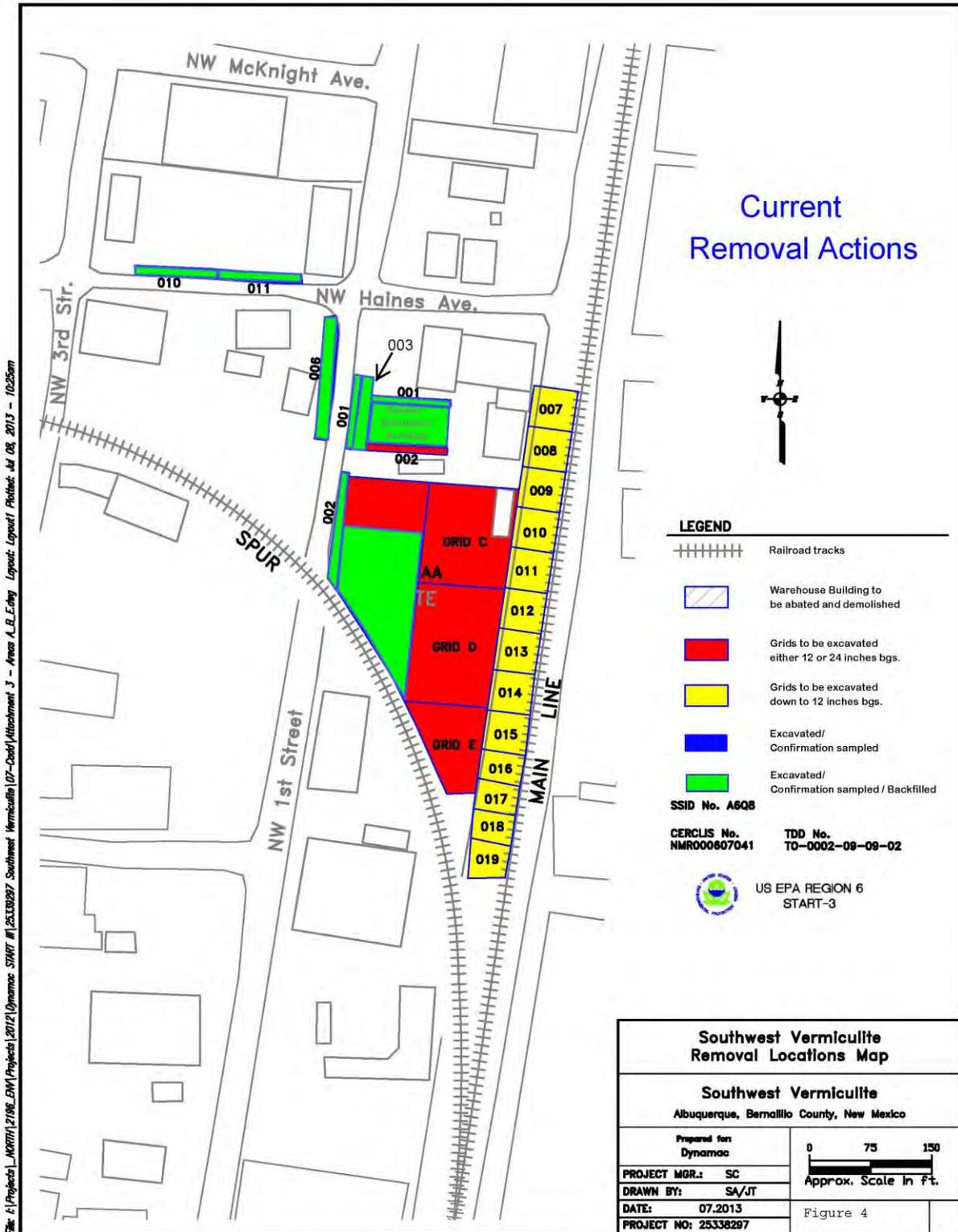


Photograph DSC00738: View looking south at initial sampling activities at location EW06 in Grid E on the W. Silver site.



Photograph DSC00748: View looking north and down as sample collected from 12-18" bgs at location EW02 in Grid E on the W. Silver site.

Current Removal Status Figure (Updated 12/11/13).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSR07\25338297 Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plotdate: Jul 08, 2013 -- 1025am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
December 14, 2013**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off Site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 26°F; High: 42°F; Winds variable at 4 - 5 mph, from the north/northwest. Clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 deployed two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected the final aliquots for the five-point composite sample from Grid 002 of Area A on W. Silver

**B. ERRS Activities**

- a. Site Progress Made: ERRS continued excavation (12" bgs) of Area A, Grid 002 on the W. Silver site once the ground thawed. Following collection of the confirmation sample and placement of the orange barricade fence, ERRS backfilled Grid 002 of Area A. ERRS managed the stockpile of excavated soil and debris located in the northern portion of Grid A on W. Silver.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with the Air Sample Pumps, FAM-1 and PDRs as excavation activities are conducted. START3 will collect confirmation samples as excavations are completed.
- B. ERRS: ERRS will initiate excavation of a portion of the northern areas of Grid A on W. Silver to 24" bgs and will place the orange construction fencing and backfill the area following collection of the confirmation sample. ERRS will hand excavate the small soil area adjacent to the W. Silver warehouse and will backfill the area following collection of confirmation samples. ERRS will manage the stockpile located on the W. Silver site.

## **ATTACHMENTS**

Photographs: DSC00750 and DSC00751

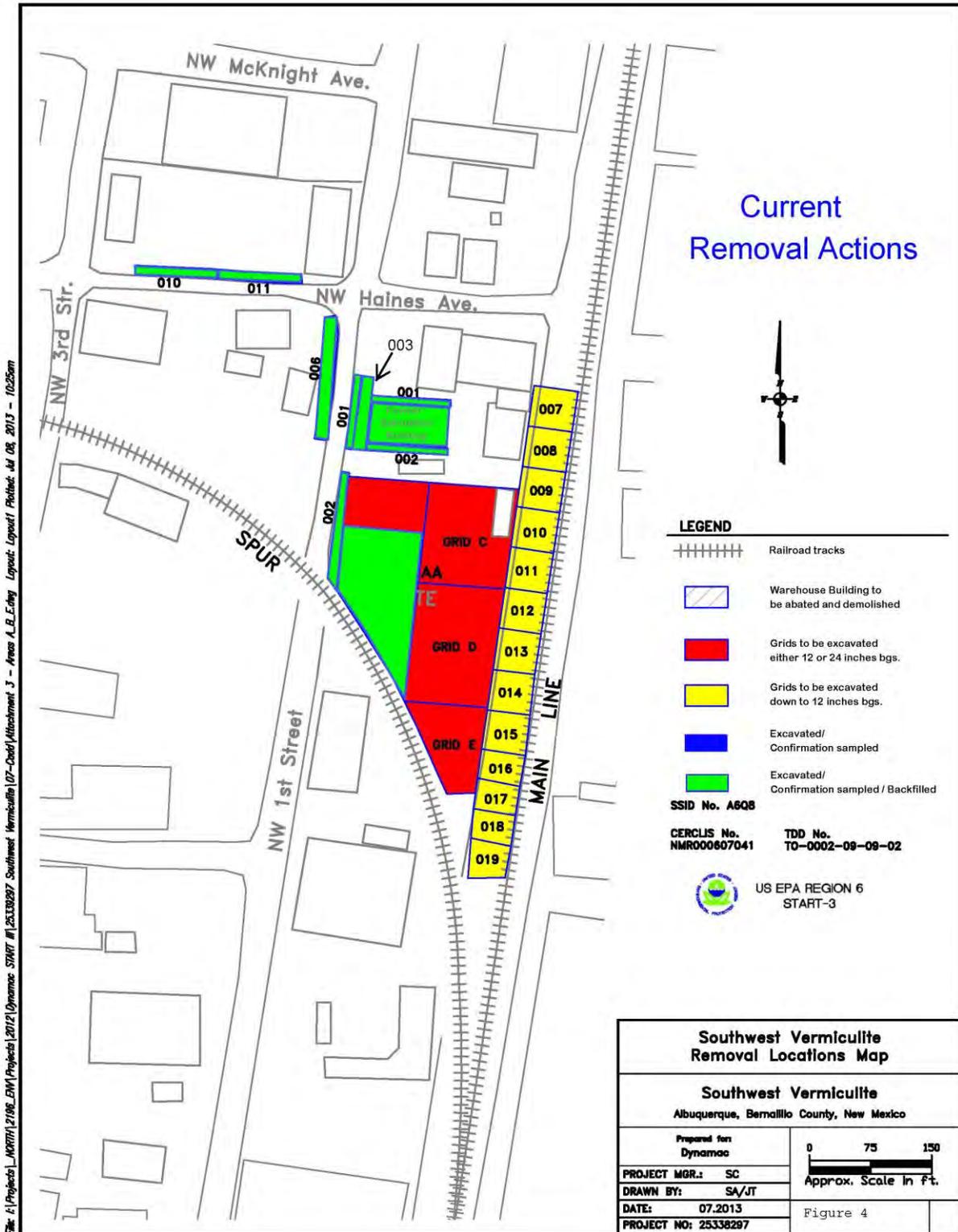


Photograph DSC00750: View looking southeast at excavation activities in Grid 002 of Area A on the W. Silver site. Dust suppression in progress.



Photograph DSC00751: View looking north and down as sample aliquots are collected from Grid 002 of Area A on the W. Silver site.

Current Removal Status Figure (Updated 12/14/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297 Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C,Grid Layout: Layout1 Plot: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 16, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Bill Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 28°F; High: 58°F; Winds variable at 5 - 6 mph, from the north/northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample from the excavated area in the northwest portion of Grid A. START3 received analytical results indicating that the soil confirmation sample collected from a soil strip (Area A, Grid 001) located directly north of the concrete pad for the former exfoliation building contained up to 3% Libby Amphibole.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS excavated the area in the northwest portion of Grid A on the W. Silver site to 24" bgs. Following collection of a confirmation sample, ERRS placed orange construction fencing in the excavation base and backfilled. ERRS initiated excavation of the soil area around two mature trees (Area A, Grid 019), as well as a small soil area directly adjacent to the south of the main warehouse to 12" bgs. ERRS managed the stockpile of excavated soil and debris located in the northern portion of Grid A on W. Silver.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with the Air Sample Pumps, FAM-1 and PDRs as excavation activities are conducted. START3 will collect confirmation samples as excavations are completed.
- B. ERRS: ERRS will complete excavation of the small soil areas adjacent to the main warehouse. Following collection of a confirmation sample, ERRS will place the orange construction fencing in the excavation base and backfill the areas. ERRS expects to load out 9 to 15 end dumps/roll offs with soil staged in the stockpile located on the W. Silver site. Depending on the results (expected 12/17/13) from the TCLP lead sampling conducted on 12/13/13 in Area E, ERRS may initiate excavation of soil from Area E for disposal at U.S. Ecology (Subtitle C landfill) or Keer's landfill outside of Mountainair.

## **ATTACHMENTS**

Photographs: DSC00753 and DSC00754

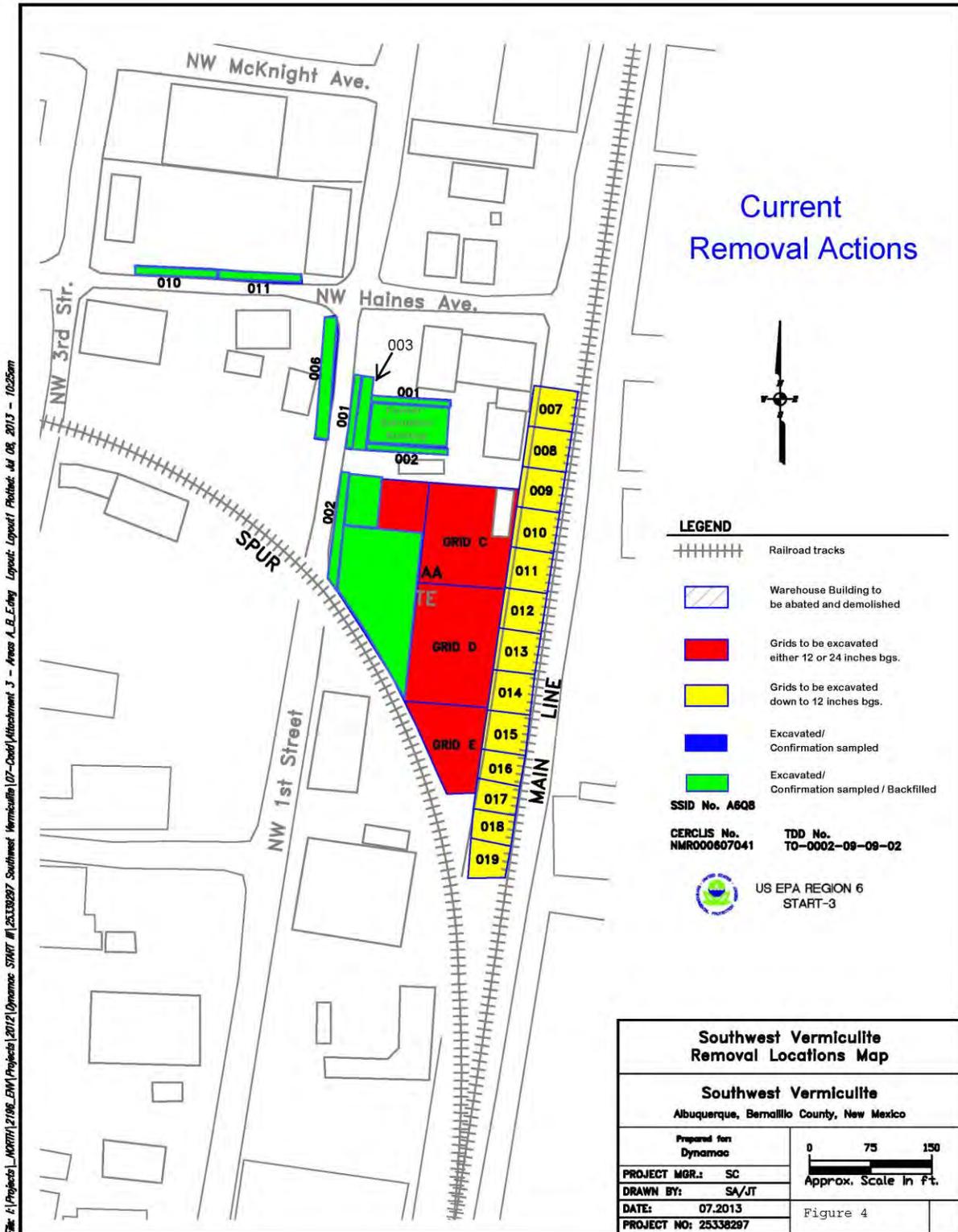


Photograph DSC00753: View looking south at excavation activities in the northwestern portion of Grid A on the W. Silver site. Dust suppression in progress.



Photograph DSC00754: View looking southwest and down as sample aliquots are collected from the northwestern portion of Grid A on the W. Silver site.

Current Removal Status Figure (Updated 12/16/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297 Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plotdate: Jul 08, 2013 -- 1025am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 17, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Bill Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 29°F; High: 60°F; Winds variable at 5 - 6 mph, from the north/northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample from two excavated areas (Area A Grid 019, and a soil area east of the warehouse access ramp) both directly south of the main warehouse. START3 received analytical results indicating that the soil confirmation sample collected from a soil strip, (Area A, Grid 003) located directly west of the concrete pad for the former exfoliation building, contained up to 1.25% Libby Amphibole.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded twelve (12) end dump/roll offs for a daily total of 171 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 88 loads, for a total of 1,263 cubic yards. ERRS completed excavation of soils areas (Area A Grid 019, and a soil area east of the warehouse access ramp) both directly south of the main warehouse. Following collection of a confirmation sample, ERRS placed orange construction fencing in the excavation base and backfilled.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct air sampling and monitoring with the Air Sample Pumps, FAM-1 and PDRs as excavation activities are conducted. START3 will collect confirmation samples as excavations are completed.
- B. ERRS: ERRS expects to load out 3 end dumps/roll offs with soil staged in the stockpile located on the W. Silver site. Depending on the results from the TCLP lead sampling conducted on 12/13/13 in Area E, ERRS may initiate excavation of soil from Area E for disposal at U.S. Ecology (Subtitle C landfill) or Keer's landfill outside of Mountainair.

## **ATTACHMENTS**

Photographs: DSC00757 and DSC00759

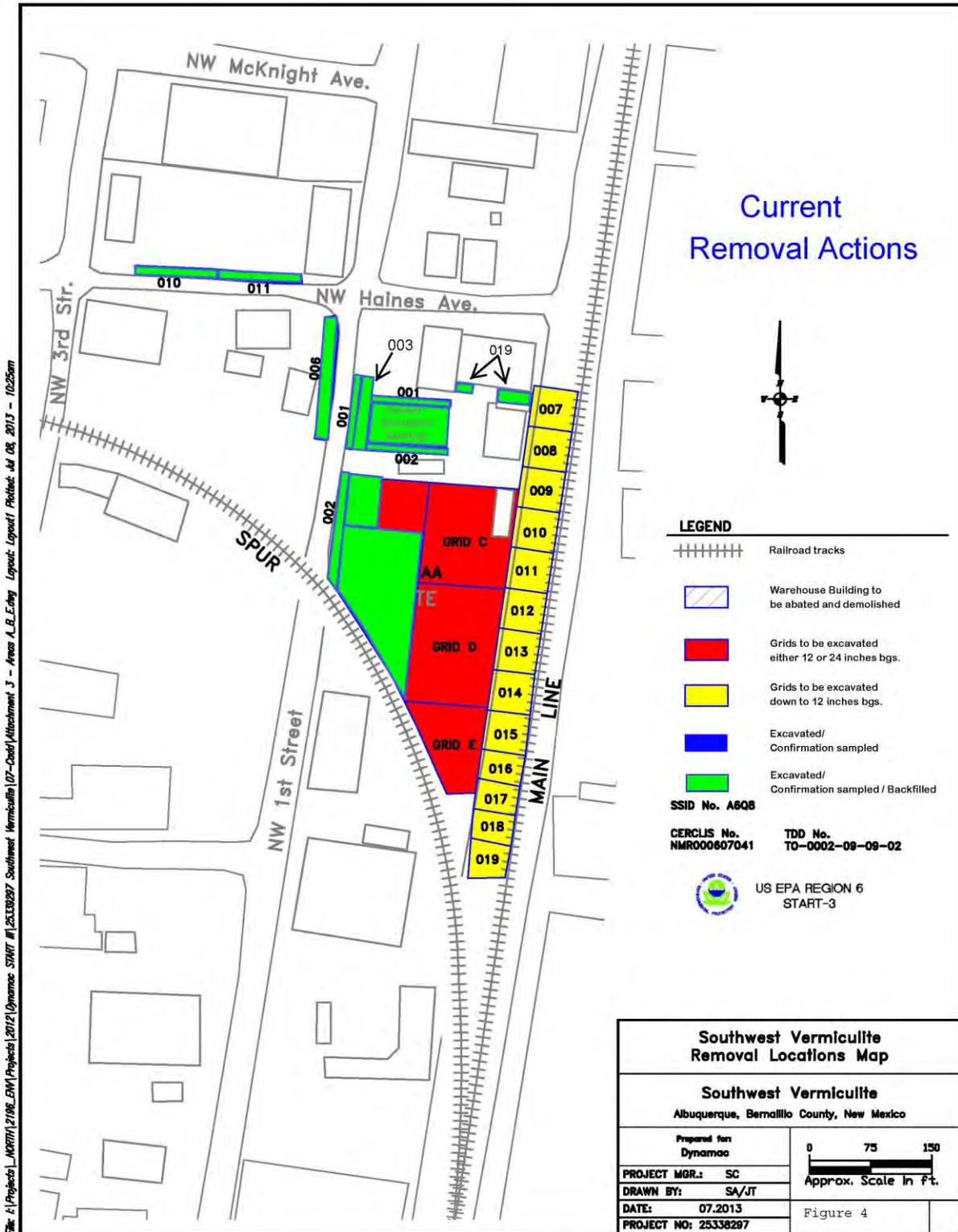


Photograph DSC00757: View looking southeast at loading from the soil stockpile in Grid A on the W. Silver site. Dust suppression in progress.



Photograph DSC00759: View looking northeast at the excavated area (Grid 019) south of the main warehouse.

Current Removal Status Figure (Updated 12/17/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297\_Southwest\_Vermiculite\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
December 18, 2013**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Bill Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 28°F; High: 58°F; Winds variable at 5 - 6 mph, from the south. Clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 received analytical results indicating that the TCLP Lead concentrations in all the six sub grids sampled (at 0 – 6" and 12-18" bgs) in Area A, Grid E did not contain (TCLP) lead at concentrations above 5 mg/l (non-detect up to 1.0 mg/l), and that no asbestos was detected below 12" bgs. START3 also received analytical results for the W. Silver Recycling Main Office dust samples, and Warehouse air sample indicating the presence of asbestos fibers in multiple locations. These data are under further review.

**B. ERRS Activities**

a. Site Progress Made: ERRS loaded three (3) end dump/roll offs for a daily total of 45 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 91 loads, for a total of 1,308 cubic yards. Following receipt of the TCLP Lead results and direction from the site OSCs, ERRS initiated excavation of soil from the entire Area A, Grid E area to a depth of 12" bgs.

**4. Removal Action Future Activities**

A. START-3: START3 will conduct air sampling and monitoring with the Air Sample Pumps, FAM-1 and PDRs as truck loading is conducted and excavation activities in Grid E are completed. START3 will collect a confirmation sample from Area A, Grid E prior to placement of cover material. START3 may potentially collect additional dust samples in the W. Silver offices and/or warehouse areas.

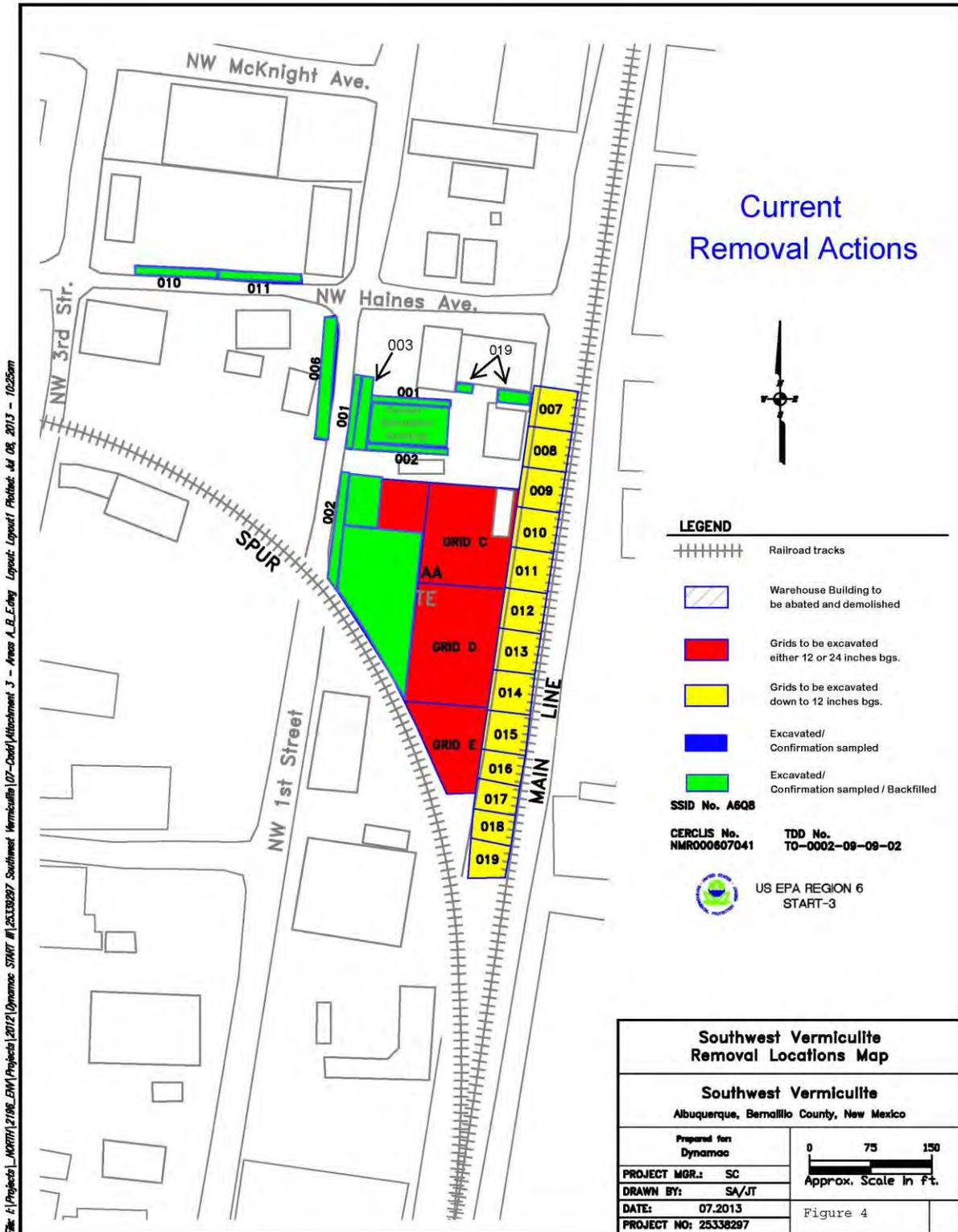
B. ERRS: ERRS expects to load out 15 end dumps/roll offs with soil staged in the stockpile located on the W. Silver site and soil excavated from Area A, Grid E for disposal at Keer's landfill outside of Mountainair. ERRS will complete excavation of Area A, Grid E. Following collection of a confirmation sample, ERRS will place orange construction fencing in the excavation base and place, compact and grade cover material.

**ATTACHMENTS**

No Photographs of note

Current Removal Status Figure

Current Removal Status Figure (Updated 12/17/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297 Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plot: Jul 08, 2013 -- 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
December 19, 2013**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Bill Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 30°F; High: 58°F; Winds variable at 6 - 7 mph, from the south. Clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

a. Site Progress Made: START3 deployed four air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 evaluated potential indoor dust sampling within the W. Silver warehouse areas.

**B. ERRS Activities**

a. Site Progress Made: ERRS loaded fifteen (15) end dump/roll offs for a daily total of 219 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 106 loads, for a total of 1,527 cubic yards. ERRS continued with excavation of soil from the entire Area A, Grid E area to a depth of 12" bgs.

**4. Removal Action Future Activities**

A. START-3: START3 will conduct air sampling and monitoring with the Air Sample Pumps, FAM-1 and PDRs as truck loading is conducted and excavation activities in Grid E are completed. START3 will collect a confirmation sample from Area A, Grid E prior to placement of cover material. START3 will collect up to eight (8) dust samples and one air sample (all for ISO 10312) in the W. Silver warehouse areas.

B. ERRS: ERRS expects to load out 11 end dumps/roll offs with soil staged in the stockpile located on the W. Silver site and soil excavated from Area A, Grid E for disposal at Keer's landfill outside of Mountainair. ERRS will complete excavation of Area A, Grid E. Following collection of a confirmation sample, ERRS will place orange construction fencing in the excavation base and place, compact and grade cover material. ERRS will initiate covering and fencing the active areas in advance of breaking for the Holiday after 12/21/13.

## **ATTACHMENTS**

Photographs: DSC00762 and DSC00763

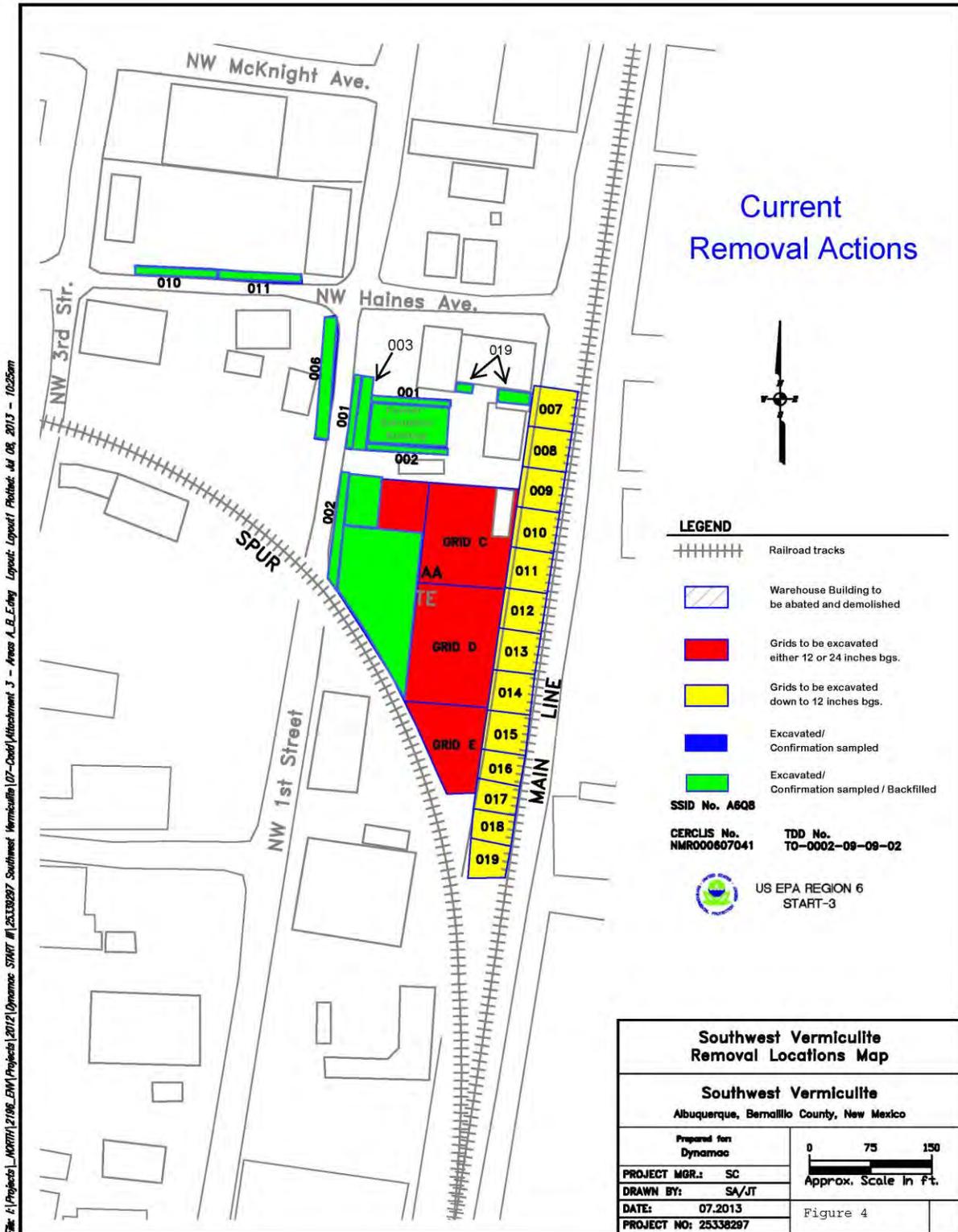


Photograph DSC00762: View looking southwest at loading from the soil stockpile in Grid A on the W. Silver site. Dust suppression in progress.



Photograph DSC00763: View looking southeast at Grids A/B with covered soil stockpile in foreground and bulk scrap metal in background. Also note W. Silver Grappler in background loading rail car.

Current Removal Status Figure (Updated 12/17/13).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297\_Southwest\_Vermiculite\07-Code\Attachment J -- Areas A,B,C,by Layout: Layout1 Plot: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report December 20, 2013

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Bill Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 30°F; High: 56°F; Winds variable at 4-6 mph, from the south/southeast. Mostly cloudy skies early, clearing mid-day.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 deployed 3 air sample pumps, two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample from Area A, Grid E following completion of excavation. START3 also deployed an air sample pump within the W. Silver main warehouse to evaluate potential indoor air impacts. START3 collected 8 dust samples (plus one duplicate, a field blank and a lot blank) from within the W. Silver Main and Auxiliary Warehouses. START3 received analytical data for the confirmation sample from Grid 002 of Area A on the W. Silver site indicating the presence of Libby Asbestos at 0.50%.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded eight (8) end dump/roll offs for a daily total of 114 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 114 loads, for a total of 1,644 cubic yards. ERRS completed excavation of soil from the entire Area A, Grid E area to a depth of 12" bgs. Following collection of a confirmation sample, ERRS placed orange construction fencing in the base of the excavation and initiated placement, compaction and grading of the cover material in Area A, Grid E.

### **4. Removal Action Future Activities**

- A. START-3: Due to the limited nature of site activities, START3 is not expected to conduct air sampling or monitoring during the days activities. START3 will maintain and stage equipment for the holiday break expected to last until January 6, 2014.
- B. ERRS: ERRS will continue to place, compact and grade cover material on Area A, Grid E. ERRS will decontaminate and stage equipment onto the concrete pad of the former exfoliation building for the holiday period. ERRS will assure that any active areas are covered, and access control is maintained with barricade fencing and signage. ERRS will store and stage equipment in the office/conex area for the holiday break.

## **ATTACHMENTS**

Photographs: DSC00766 and DSC00776

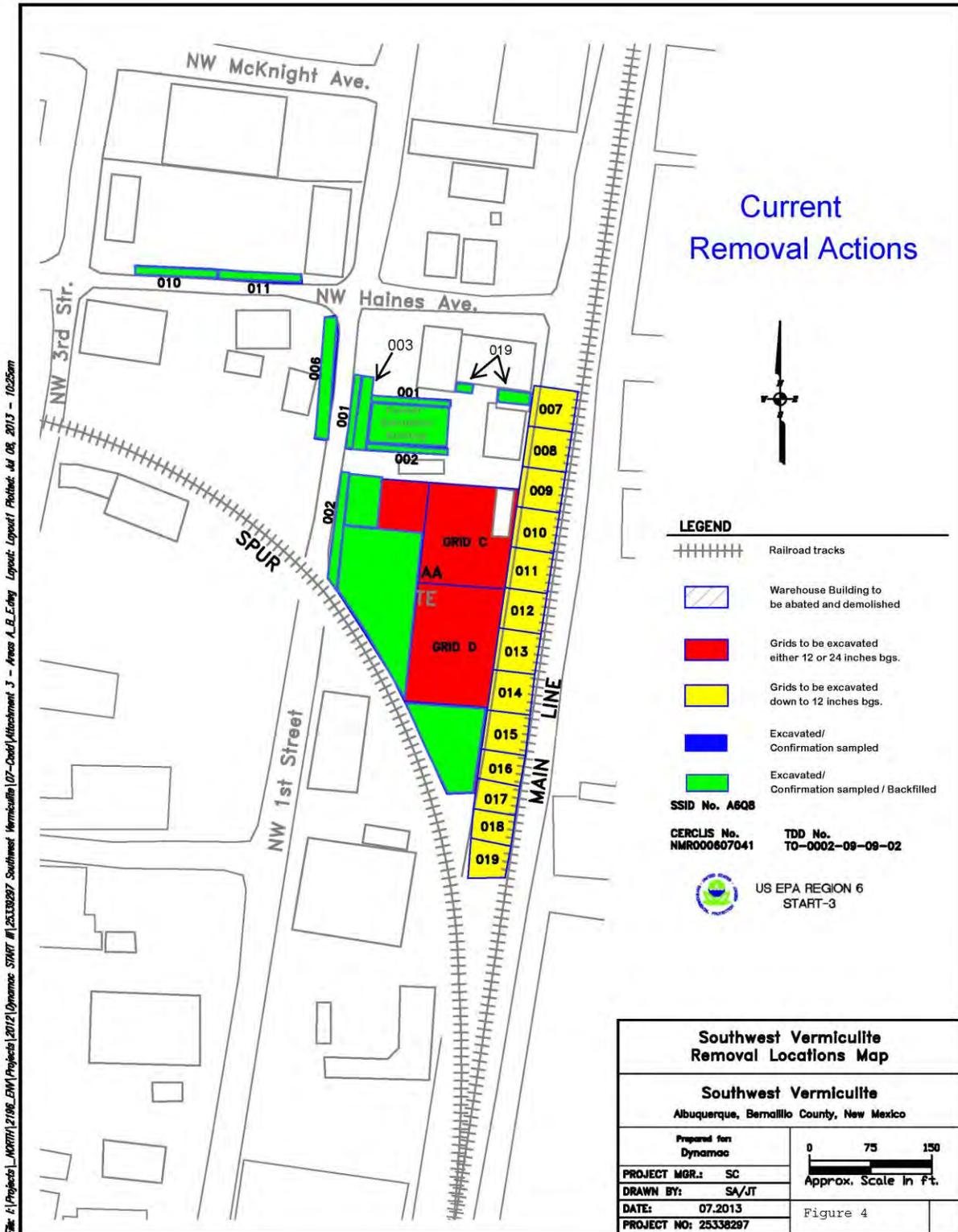


Photograph DSC00766: View looking southeast at Area A, Grid E after excavation was completed, and prior to placement of cover material.



Photograph DSC00776: View looking northeast at "Dust Sampling" of Locations WARD04 and WARD40 (Duplicate), located on a steel cross beam of a Hopper in the north central portion of the main warehouse.

Current Removal Status Figure (Updated 12/20/13).



File: I:\Projects\NR771\2198\_EW\Projects\2012\Dynamac\SWV\07-Cover\Attachment J - Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
December 21, 2013**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Bill Rhotenberry (off-site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	9 (2 – EQM / 7 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 37°F; High: 46°F; Winds moderate to 11-14 mph, from the northwest. Mostly cloudy skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 monitored the site activities, including placement of cover material in Area A, Grid E as well as site activities in preparation for the holiday break. START3 maintained and staged sampling and monitoring equipment for the holiday break.

**B. ERRS Activities**

- a. Site Progress Made: ERRS placed, compacted and graded cover material onto Area A, Grid E. ERRS decontaminated/rinsed equipment and staged it on the concrete pad from the former exfoliation building for the holiday break. ERRS placed plastic sheeting over active areas and installed access control to these areas with barricade fencing and signage.

**4. Removal Action Future Activities**

- A. START-3: START3 will demobilize from the site for the scheduled holiday break, returning January 6, 2014. START3 will maintain and update site files as appropriate and will initiate data compilation for the Removal Report during the holiday break. Upon return, START3 will conduct sampling and monitoring as appropriate.
- B. ERRS: ERRS will demobilize from the site for the scheduled holiday break, returning January 6, 2014. Upon returning to the site, ERRS will prepare to initiate excavation activities in the New Mexico DOT, Railroad Right of Way (Area B). ERRS will also initiate placement of a concrete cover over the soil areas adjacent to the former exfoliation building. ERRS will also prepare to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00788, DSC00791, DCS00801 and DSC00803



Photograph DSC00788: View looking southeast at Area A, Grid E after cover material was placed, compacted and graded immediately prior to departure for Holiday break.



Photograph DSC00791: View looking south at cover material placed and graded along western side of rail spur on W. Silver site. Material placed to displace standing water resulting from recent rain and water used for decontamination.

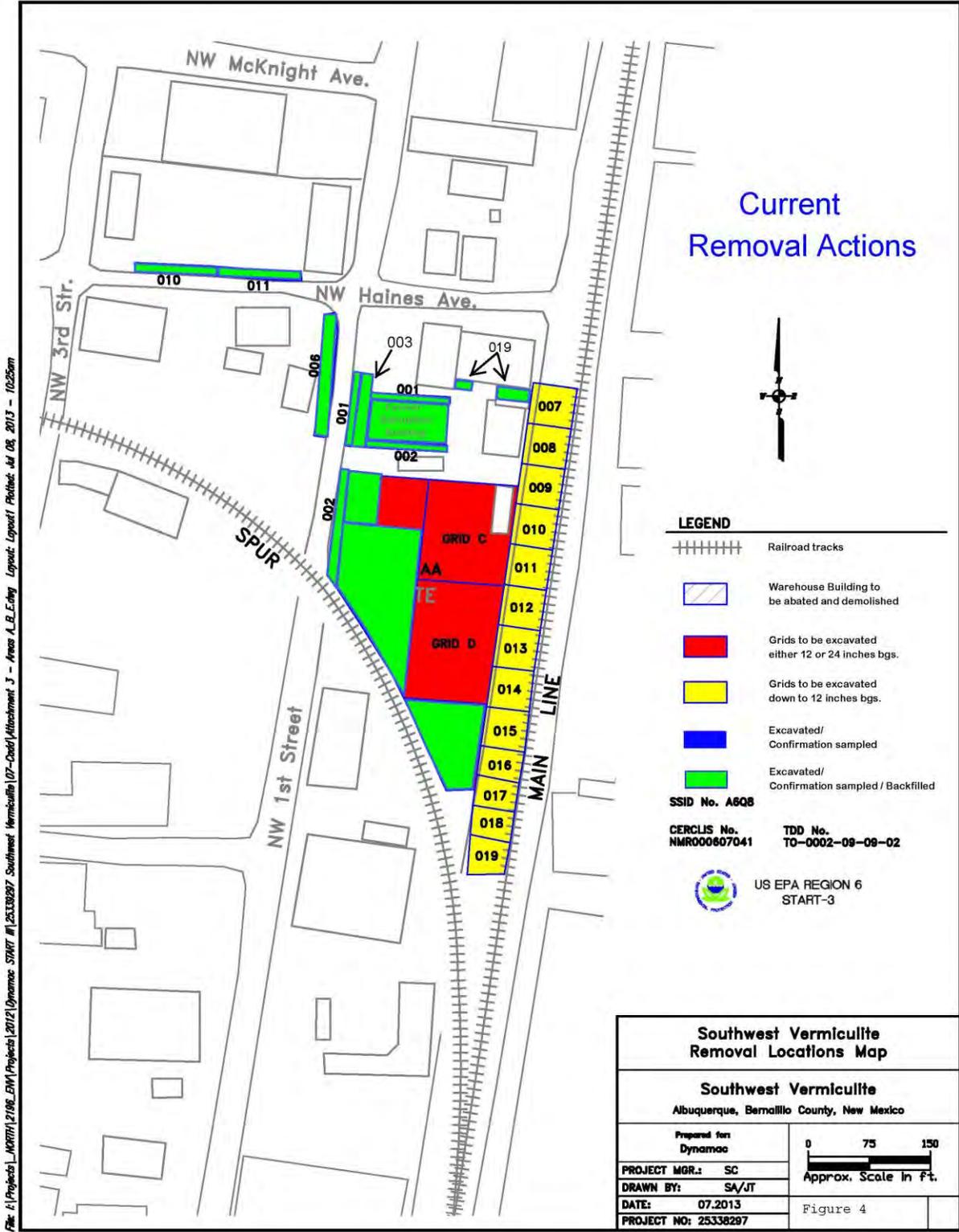


Photograph DSC00801: Expanded view looking southeast at W. Silver site prior to departure for the Holiday break. Note fencing and signage around stockpile area in Grid A.



Photograph DSC00803: View looking northeast at fencing and signage around concrete pad for the Former Exfoliation Building prior to departing site for the Holiday break.

Current Removal Status Figure (Updated 12/20/13).



January 2014  
Daily Progress Reports

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
January 6, 2014**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 24°F; High: 46°F; Winds low to 5 - 6 mph, from the northwest. Clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

a. Site Progress Made: START3 placed two PDRs and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 received the analytical results from the dust and sampling conducted within the W. Silver Warehouse; indicating significantly elevated levels of Libby Amphibole and other asbestos in the dust and air.

**B. ERRS Activities**

a. Site Progress Made: ERRS supported activities related to pouring concrete in areas near or around the former exfoliation building by removing a 4 inch layer of cover material. ERRS loaded four (4) end dumps for a daily total of 60 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 118 loads, for a total of 1,704 cubic yards. ERRS prepared the equipment for transfer to the Railroad ROW property to conduct excavation along the rail line.

**4. Removal Action Future Activities**

A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will prepare to collect confirmation samples from the excavated Grids within Area B (the NMDOT Railroad Right of Way) as available. START3 will collect asbestos assessment samples at 1' bgs from portions of Areas C/D on the W. Silver site that are located west of the rail spur.

B. ERRS: ERRS will initiate excavation activities in the New Mexico DOT, Railroad Right of Way (Area B). ERRS will also support placement of a concrete cover over the soil areas adjacent to the former exfoliation building. ERRS will also prepare to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00805 and DSC00807

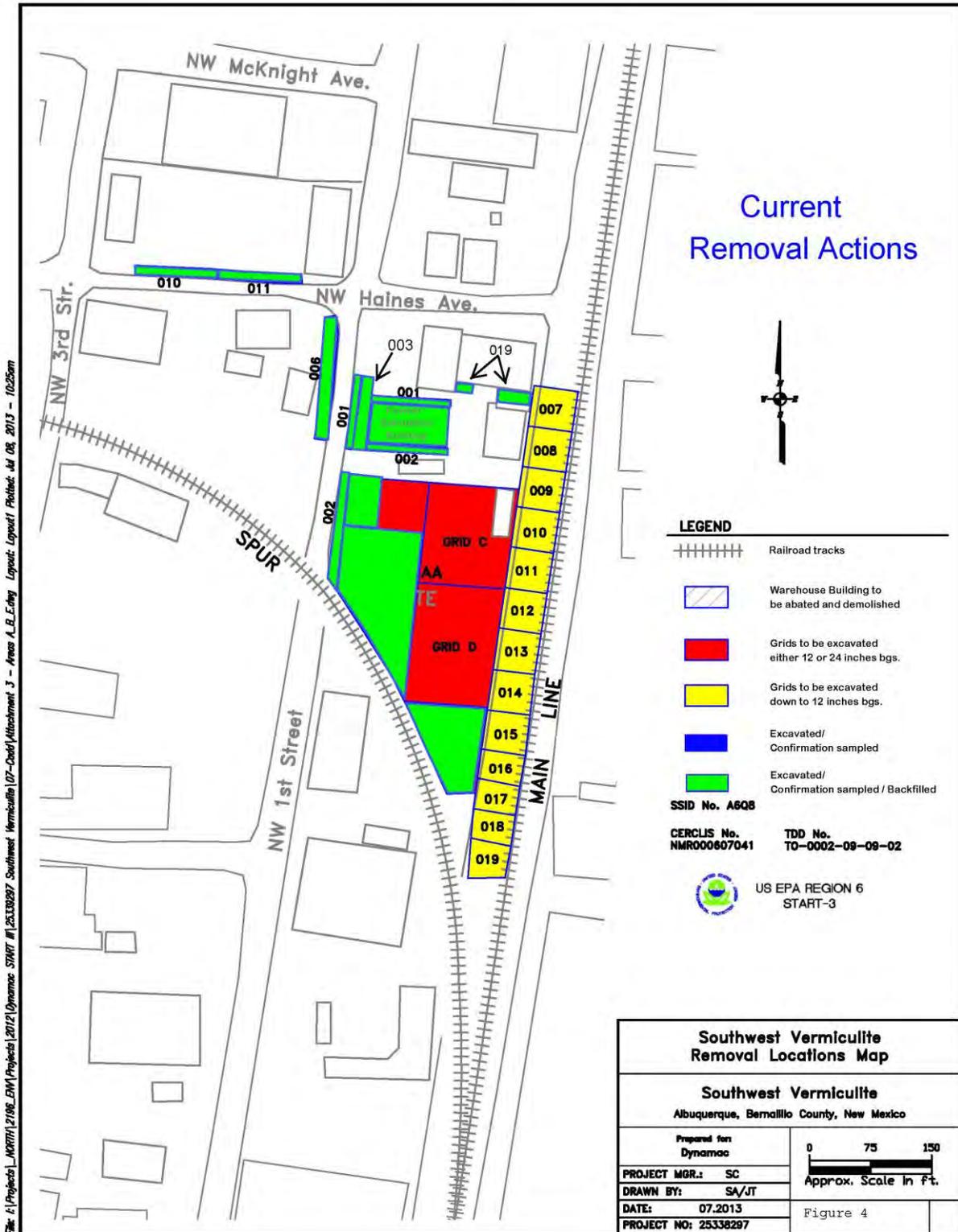


Photograph DSC00805: View looking southeast at Area A, Grid E after return from the Holiday break.



Photograph DSC00807: View looking south at loading activities on the W. Silver site. Dust suppression in progress.

Current Removal Status Figure (Updated 12/20/13).



File: I:\Projects\NR077\2198\_EPA\Projects\2012\Dynamac\SSID\07-Cover\Attachment J - Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
January 7, 2014**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 26°F; High: 48°F; Winds low to 5 - 6 mph, from the northwest. Clear skies early, switching to mostly cloudy skies later in the day.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 collected 3 air samples, placed one PDR and one FAM-1 to monitor W. Silver site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 participated in a pre-activity meeting with the NMDOT Railroad Employee in Charge (EIC) in association with the excavation of Area B (the NMDOT Railroad ROW). EPA/START notified the property owner representative of the analytical results from the dust and air sampling conducted within the W. Silver Warehouse (see Daily Progress Report 1/6/14). Property owner representative conveyed to EPA that the facility owners are looking into actions to protect their employees.

**B. ERRS Activities**

- a. Site Progress Made: ERRS personnel managed the subcontractor placing the concrete in the area near/around the former exfoliation building. ERRS participated in a pre-activity meeting with the NMDOT Railroad Employee in Charge (EIC) in association with the excavation of Area B (the NMDOT Railroad Right of Way). ERRS initiated excavation activities along the southern portion of the NMDOT Railroad ROW with the stockpile developed along the north part of Area B by Haines Ave.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will prepare to collect confirmation samples from the excavated Grids within Area B (the NMDOT Railroad Right of Way) as available. START3 will collect asbestos assessment samples at 1' bgs from portions of Areas C/D on the W. Silver site that are located west of the rail spur.
- B. ERRS: ERRS will continue with excavation activities in Area B. ERRS will load out contaminated soil on end dumps/roll offs for disposal at the Keer's Landfill in Mountainair. ERRS will support the collection of additional assessment samples from the areas of Grids C and D on the W. Silver site at 1' bgs to aid in determining total excavation depths. ERRS will also prepare to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00813 and DSC00816

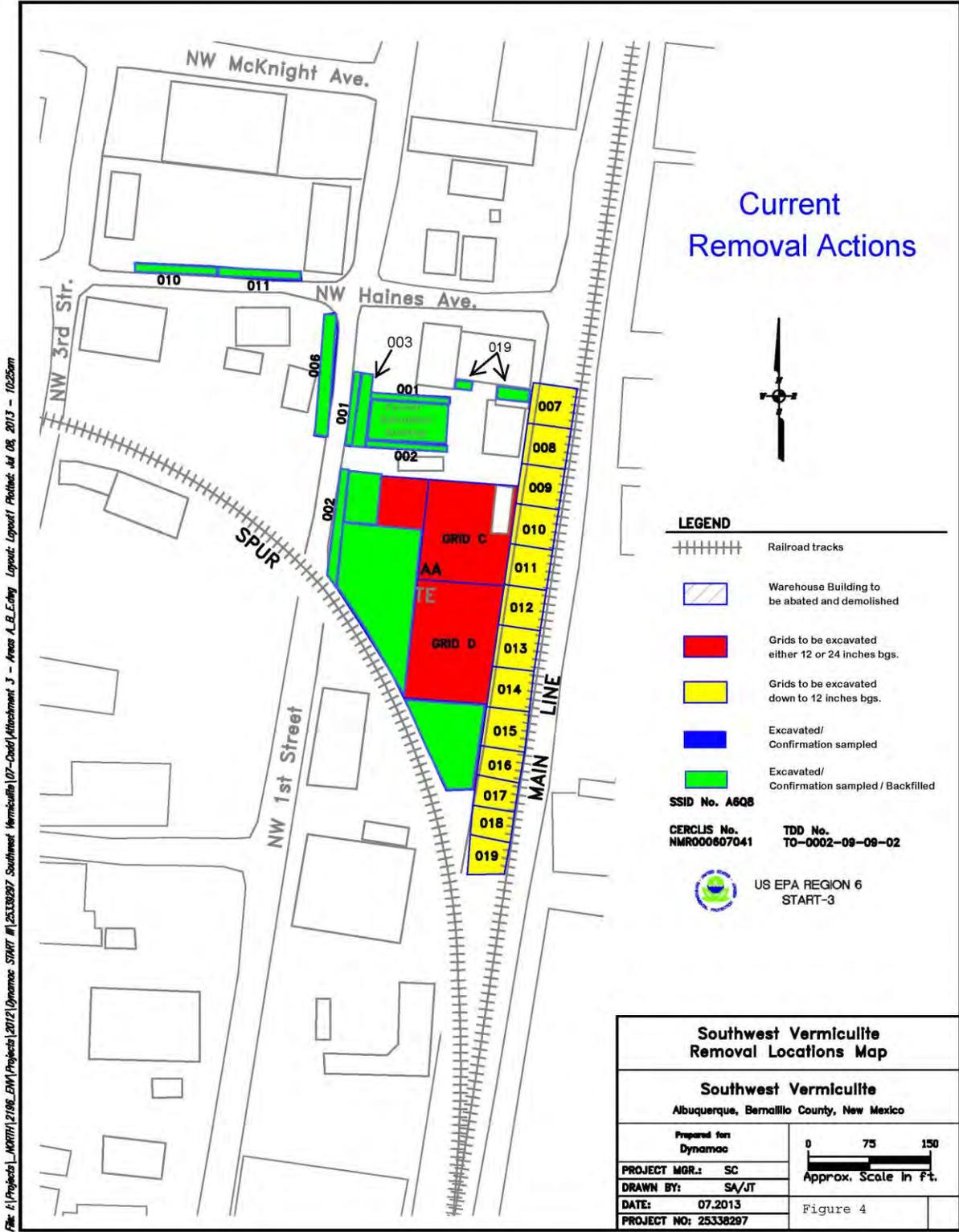


Photograph DSC00813: View looking south at southern portion of Area B (the NMDOT Railroad ROW) as excavation is initiated.



Photograph DSC00816: View looking north at excavation activity in the southern portion of Area B. Dust suppression in progress.

Current Removal Status Figure (Updated 12/20/13).



File: I:\Projects\NR077\2198\_EW\Projects\2012\Dynamac\SSR\25338297\_Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plotdate: Jul 08, 2013 -- 1025am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 8, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 25°F; High: 50°F; Winds to 5 mph, from the north. Clear skies early, changing to cloudy skies late.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 collected 2 air samples, placed one PDR and one FAM-1 to monitor NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected confirmation samples from the base of the excavation in six Grids located in Area B. START3 also collected additional assessment samples from 1' bgs at two locations on W. Silver to assess asbestos concentrations in the portions of Grids C and D west of the rail spur.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued excavation in Area B (the NMDOT Railroad Right of Way). ERRS loaded fifteen (15) end dumps/roll-offs for a daily total of 222 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 133 loads, for a total of 1,926 cubic yards.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. When appropriate, START3 will collect confirmation samples from the excavated Grids within Area B (the NMDOT Railroad Right of Way). START3 will collect samples of the ceiling tile/insulation present in the W. Silver main warehouse.
- B. ERRS: ERRS will continue with excavation activities in Area B. ERRS will load out end dumps/roll offs for disposal at the Keer's Landfill in Mountainair. ERRS will support the collection of ceiling tiles/insulation samples from the W. Silver main warehouse. ERRS will rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00827 and DSC00833

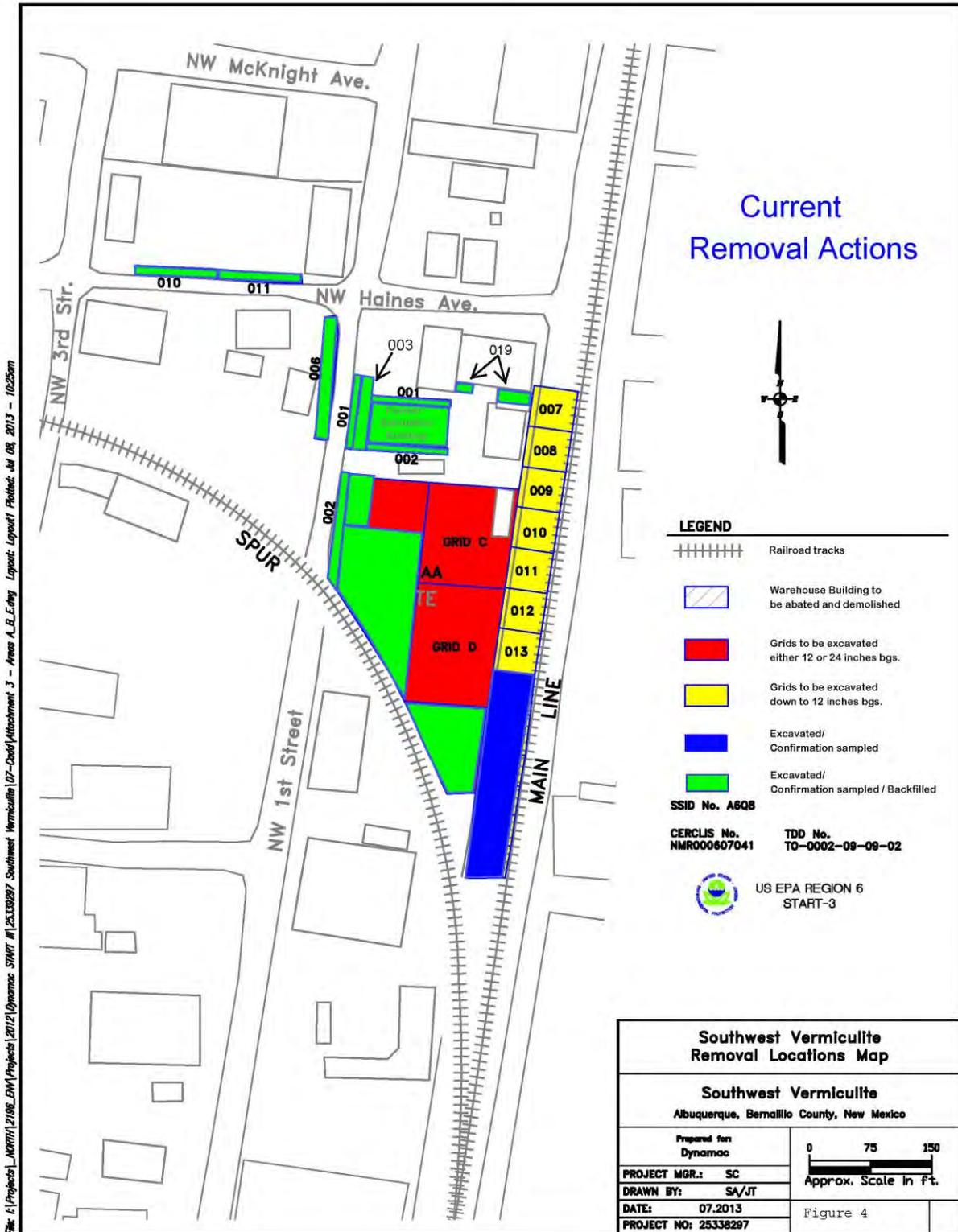


Photograph DSC00827: View looking east at truck loading activities along Haines Street and the NMDOT Railroad Right of Way. Dust suppression in progress.



Photograph DSC00833: View looking south at confirmation sampling within excavated area the southern portion of the NMDOT Railroad ROW (Area B).

Current Removal Status Figure (Updated 1/8/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297\_Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 9, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 28°F; High: 48°F; Winds to 5 mph, from the north. Clear skies early, changing to cloudy skies late.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. **Site Progress Made:** START3 collected 2 air samples, placed one PDR and one FAM-1 to monitor the NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. With the assistance of ERRS personnel, START3 collected ceiling tiles/insulation samples from the W. Silver main warehouse. START3, the OSC, ERRS and facility representatives (Patrick Merrick and Kevin Schaus) discussed potential abatement requirements for the W. Silver warehouse following receipt of recent dust sampling analytical results. W. Silver representatives indicated that the company will initiate a medical monitoring program for their employees and provide half face respirators and appropriate cartridges.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS continued excavation in Area B (the NMDOT Railroad Right of Way). ERRS loaded nine (9) end dumps/roll-offs for a daily total of 132 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 142 loads, for a total of 2,058 cubic yards. ERRS supported the collection of ceiling tiles/insulation samples from the W. Silver main warehouse. ERRS rinsed off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will conduct sampling and monitoring as appropriate. When appropriate, START3 will collect confirmation samples from the excavated Grids within Area B (the NMDOT Railroad Right of Way). START3 will collect dust samples from the Scale/Office trailer located on the W. Silver site. START3 will collect additional assessment samples for asbestos from 1' bgs in all or part of the eastern portion of Area A, Grid D.
- B. **ERRS:** ERRS will continue with excavation activities in Area B. ERRS will load out end dumps/roll offs for disposal at the Keer's Landfill in Mountainair. ERRS will support the collection of additional asbestos assessment samples from Area A, Grid D. ERRS will continue to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00848 and DSC00854

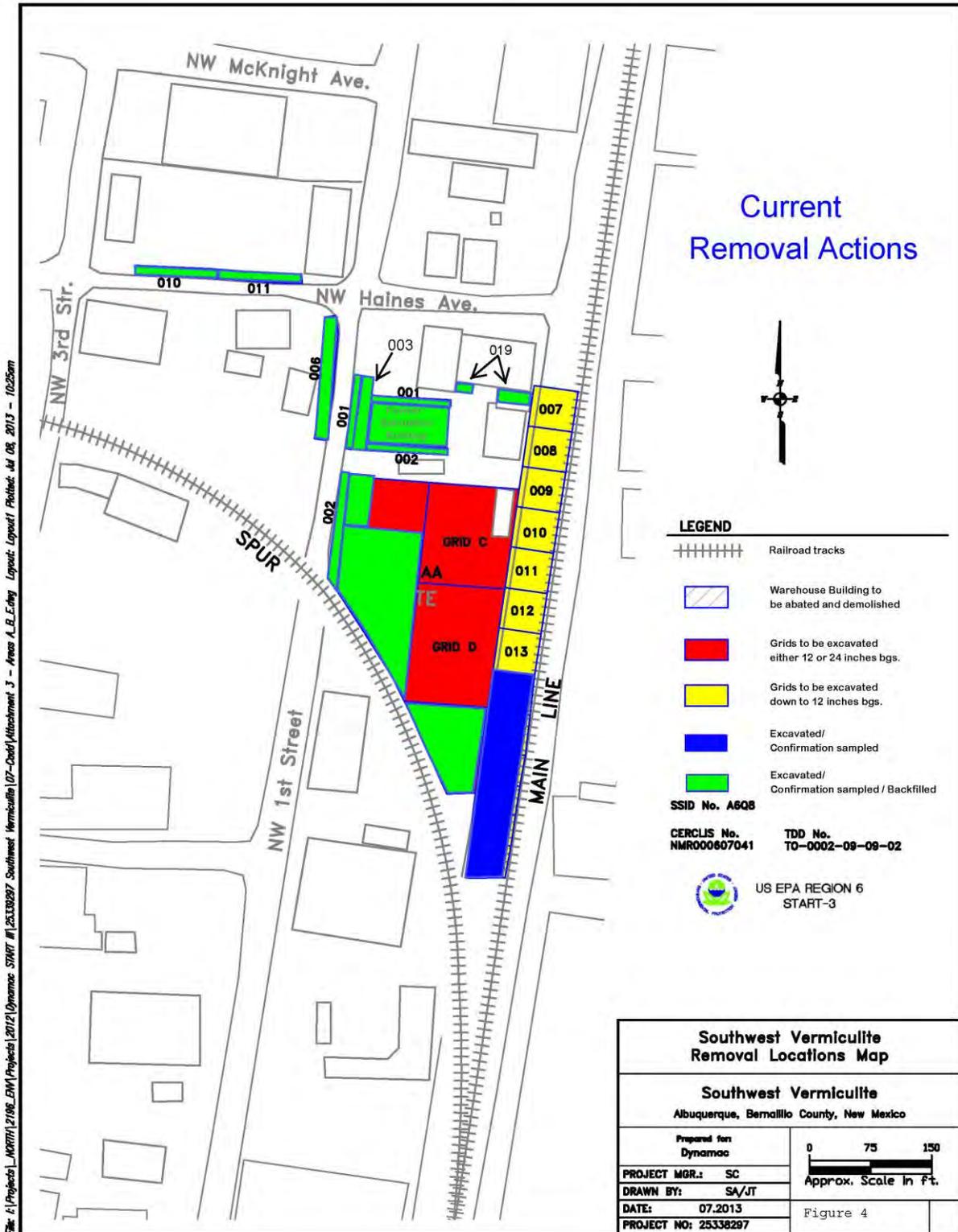


Photograph DSC00848: View of the collection of ceiling tiles/insulation samples from the W. Silver main warehouse, facing north.



Photograph DSC00854: View looking northeast at truck loading activities along Haines Avenue NW and the NMDOT Railroad Right of Way. Dust suppression in progress.

Current Removal Status Figure (Updated 1/8/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSR\25338297\_Southwest\_Vermiculite\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plotdate: Jul 08, 2013 -- 1025am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 10, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 32°F; High: 56°F; Winds to 18 mph, with gusts to 29 mph from the northwest. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 collected 2 air samples, placed one PDR and one FAM-1 to monitor the NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected confirmation samples from the remaining excavated grids (Grid 07 to Grid 13) in the Area B (NMDOT ROW).

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued excavation in Area B (the NMDOT Railroad Right of Way). ERRS loaded seven (7) end dumps/roll-offs for a daily total of 102 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 149 loads, for a total of 2,160 cubic yards. ERRS rinsed off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E, before mechanical issues with W. Silver's equipment halted operations. Due to high winds, the last 2 end dumps were not loaded.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect dust samples from the Scale/Office trailer located on the W. Silver site as well as from the EPA Office Trailer. START3 will collect additional assessment samples for asbestos from 1' bgs in all or part of the eastern portion of Area A, Grid D.
- B. ERRS: ERRS will initiate placement, compaction and grading of cover material in Area B. ERRS will support the collection of additional asbestos assessment samples from Area A, Grid D. ERRS will continue to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00859 and DSC00863

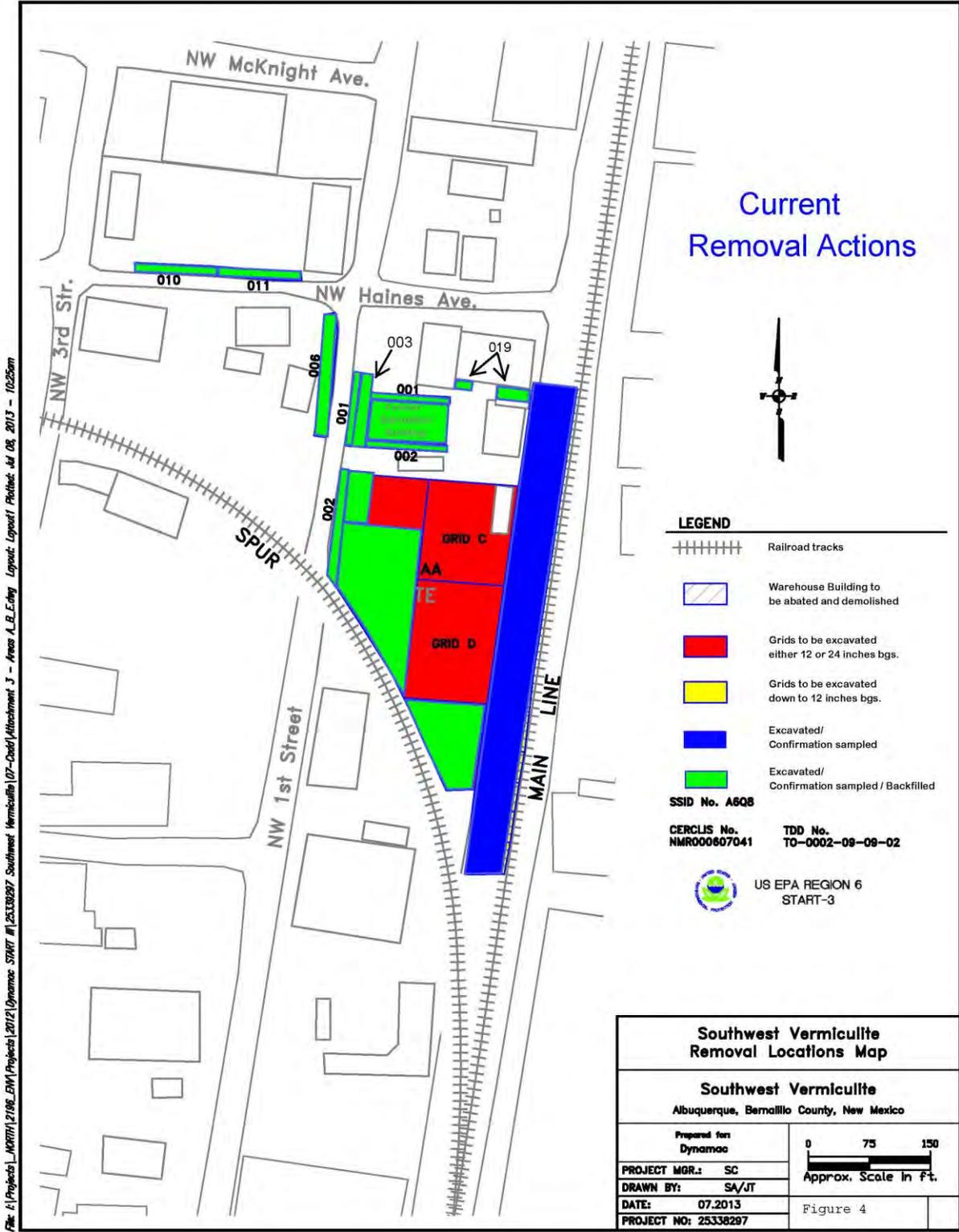


Photograph DSC00859: View looking south at the excavated areas of Area B, shown from Grid 012.



Photograph DSC00863: View looking north/northwest excavated areas of Area B, shown from Grid 10. Note loading operations of stockpiled soil in background.

Current Removal Status Figure (Updated 1/10/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSID\07-Cover\Attachment J -- Areas A,B,C,by Layout: Layout1 Plotdate: Jul 08, 2013 -- 1025am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
January 11, 2014**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-Site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 35°F; High: 58°F; Winds light and variable to 3 - 4 mph. Mostly clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

a. Site Progress Made: START3 placed one PDR and one FAM-1 to monitor the NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected dust samples from the W. Silver scale trailer office as well as the EPA field office trailer.

**B. ERRS Activities**

a. Site Progress Made: ERRS initiated placement, compaction and grading of the cover material within Area B (the NMDOT Railroad Right of Way). ERRS rinsed off the concrete pad associated with the former exfoliation building following curing of the concrete poured along the perimeter and other nearby areas.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect additional assessment samples for asbestos from 1' bgs in all or part of the eastern portion of Area A, Grid D.
- B. ERRS: ERRS will continue with placement, compaction and grading of cover material in Area B. ERRS will load out end dumps/roll offs for disposal at the Keer's Landfill in Mountainair. ERRS will support the collection of additional asbestos assessment samples from Area A, Grid D. ERRS will continue to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E.

## **ATTACHMENTS**

Photographs: DSC00869 and DSC00884

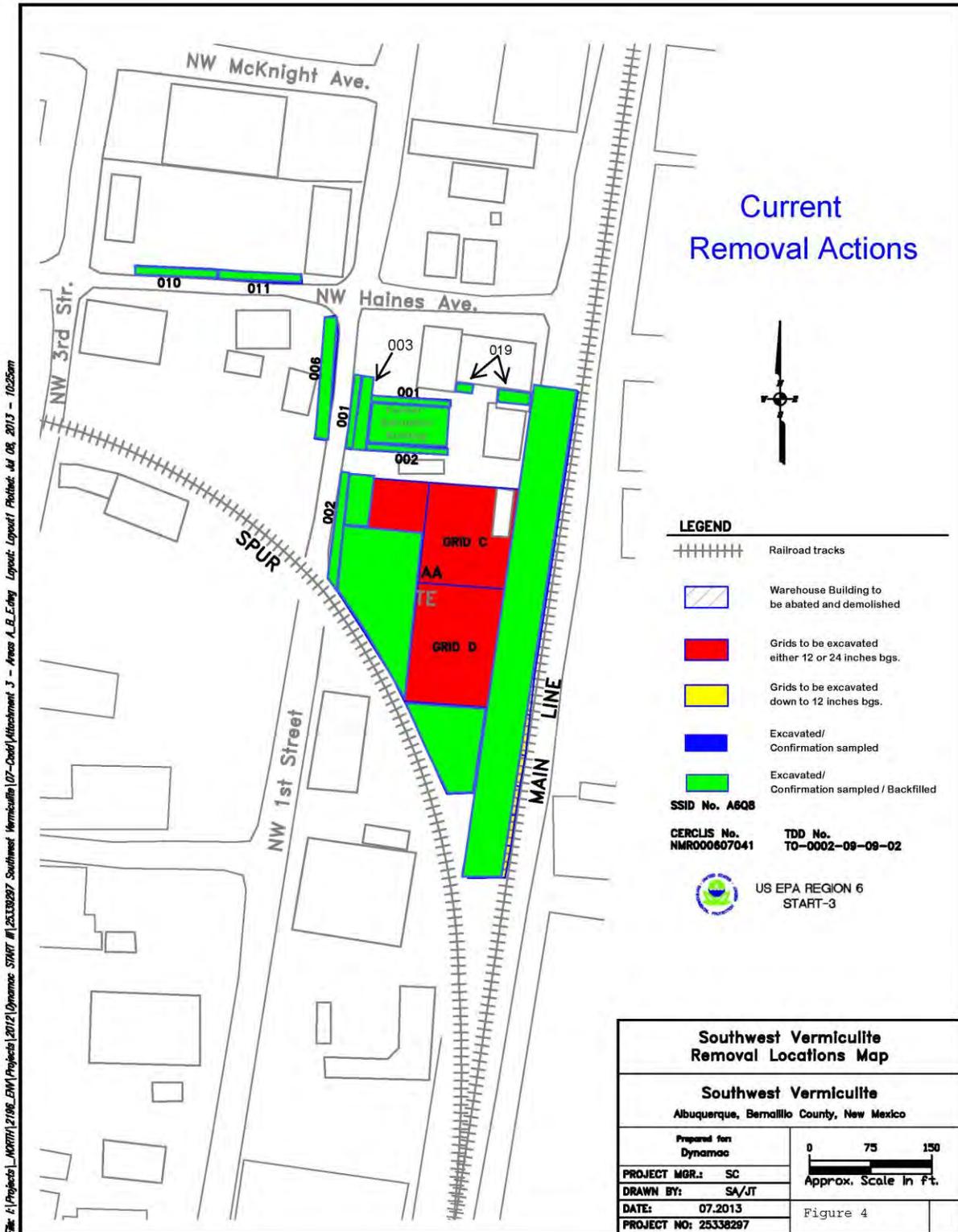


Photograph DSC00869: View looking south within the W. Silver Scale Trailer at Dust Sampling being conducted on top of the break room refrigerator.



Photograph DSC00884: View looking south at initial layer of cover material placed in the southern portion of Area B. Additional cover material, compacting and grading still required.

Current Removal Status Figure (Updated 1/11/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297 Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 PlotDate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 13, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-Site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 31°F; High: 54°F; Winds moderate to 11 – 12 mph, with gusts to 23 mph from the northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 collected two air samples, placed two PDRs and one FAM-1 to monitor the NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded seven (7) end dumps/roll-offs for a daily total of 102 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 156 loads, for a total of 2,262 cubic yards. ERRS continued placement, compaction and grading of the cover material within Area B (the NMDOT Railroad Right of Way).

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect additional assessment samples for asbestos from 1' bgs in all or part of the eastern portion of Area A, Grid D.
- B. ERRS: ERRS will continue with placement, compaction and grading of cover material in Area B. ERRS will support the collection of additional asbestos assessment samples from Area A, Grid D. ERRS will continue to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E. ERRS will conduct a site walk in the W. Silver warehouse/offices and scale-house trailer with the potential asbestos abatement contractors.

## **ATTACHMENTS**

Photographs: DSC00885 and DSC00888

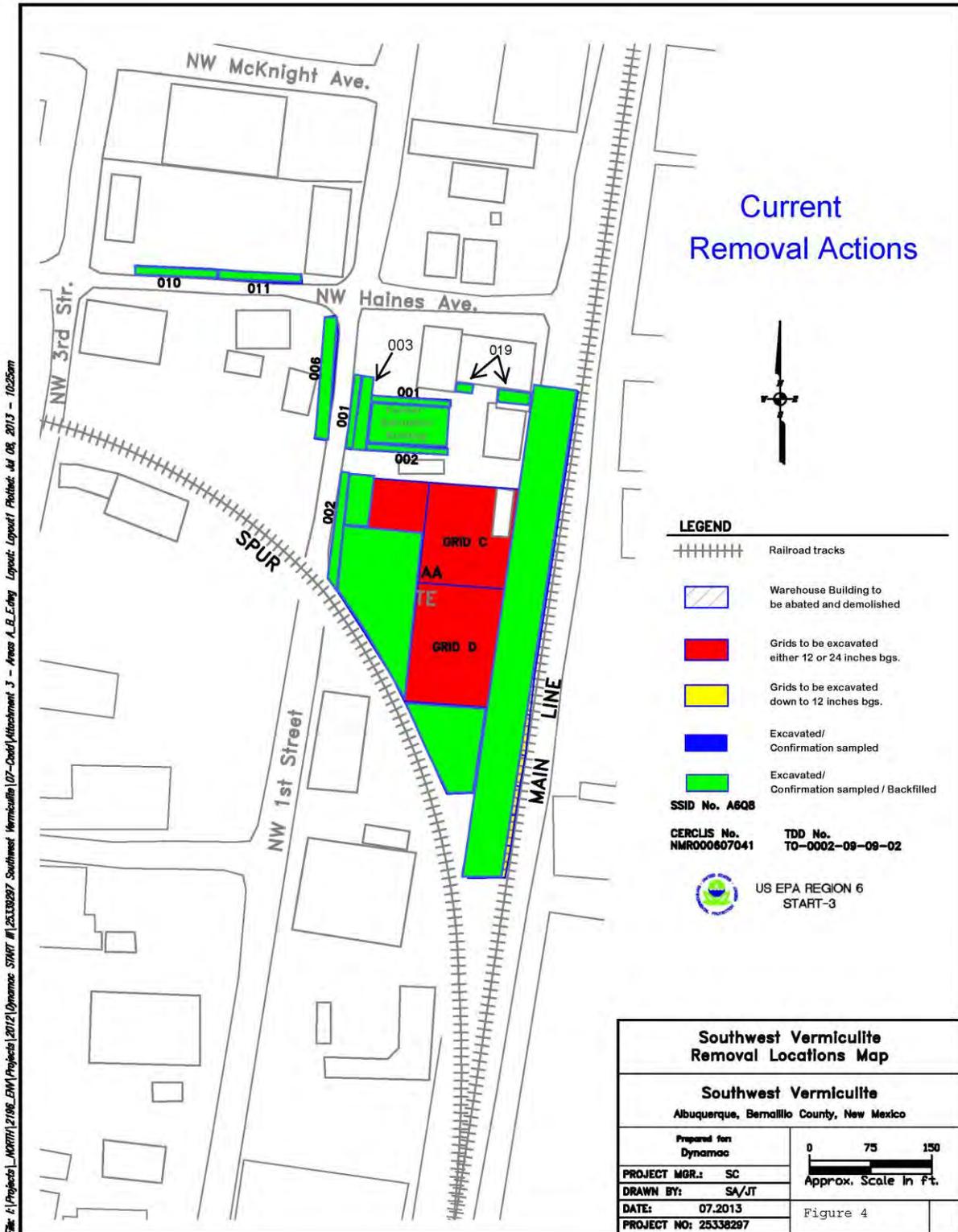


Photograph DSC00885: View looking east at truck loading in Area B. Dust suppression in progress.



Photograph DSC00888: View looking south at compacting and grading of cover material placed in the northern portion of Area B.

Current Removal Status Figure (Updated 1/11/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSR\25338297\_Southwest\_Vermiculite\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 14, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 27°F; High: 56°F; Winds moderate to 8 - 10 mph, with gusts to 16 mph from the north. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 placed two PDRs and one FAM-1 to monitor the NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 participated in a site walk in the W. Silver warehouse/offices and scale-house trailer with the potential asbestos abatement contractors.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS continued placement, compaction and grading of the cover material within Area B (the NMDOT Railroad Right of Way). ERRS supported limited operations within W. Silver by rinsing scrap metal during movement between Grids D and E on site. ERRS conducted a site walk in the W. Silver warehouse/offices and scale-house trailer with the potential asbestos abatement contractors.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will prepare to collect confirmation samples following excavation activities on the W. Silver site.
- B. ERRS: ERRS will complete placement, compaction and grading of cover material in Area B. ERRS will continue to rinse off scrap metal in support of W. Silvers operations to move these materials into Area A, Grid E. ERRS will prepare for and initiate excavation activities on the W. Silver site in the areas west of the rail spur, located in the western portions of Area A, Grids C and D.

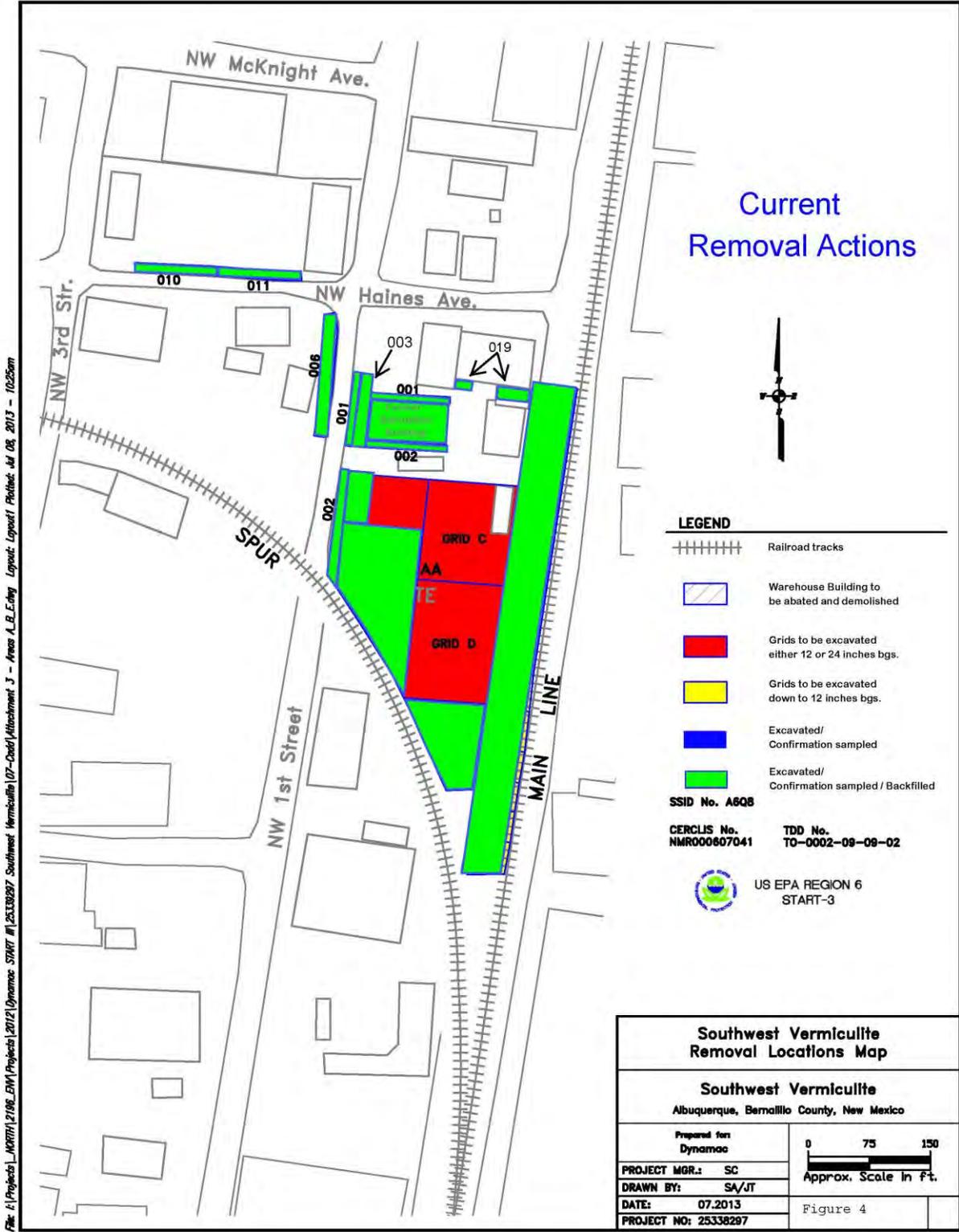
## **ATTACHMENTS**

Photograph: DSC00889



Photograph DSC00889: View looking south at truck dumping cover material in Area B.

Current Removal Status Figure (Updated 1/11/14).



File: I:\Projects\NMR077\2198\_ENM\Projects\2012\Dynamac\SSR07\25338297\_Southwest\_Vermiculite\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
January 15, 2014**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 33°F; High: 57°F; Winds low to 5 - 6 mph from the west/northwest. Clear skies.

**3. Removal Action Daily Site Activities**

A. START-3 Activities

- a. Site Progress Made: START3 placed two PDRs and one FAM-1 to monitor the NMDOT Railroad Right of Way site activities. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 received analytical data for Samples collected in the EPA Office trailer which indicated the presence of asbestos fibers.

B. ERRS Activities

- a. Site Progress Made: ERRS completed placement, compaction and grading of the cover material within Area B (the NMDOT Railroad Right of Way). ERRS prepared to reinstall the chain link fencing at the end of Haines Avenue after completion of the ROW work. ERRS supported limited operations within W. Silver by rinsing scrap metal during movement between Grids D and E on site (Area A).

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will prepare to collect confirmation samples following excavation activities on the W. Silver site. START3 will work with the OSC and ERRS to develop procedures to address potential cross-contamination issues at the site and support zones.
- B. ERRS: ERRS will prepare for and initiate excavation activities on the W. Silver site in the areas west of the rail spur, located in the western portions of Area A, Grids C and D. ERRS will initiate placement, compaction and grading of cover material following excavation west of the rail spur. ERRS will stage equipment and supplies within Area A, Grid D in advance of initiating excavation planned for the weekend.

## **ATTACHMENTS**

Photographs: DSC00890 and DSC00892

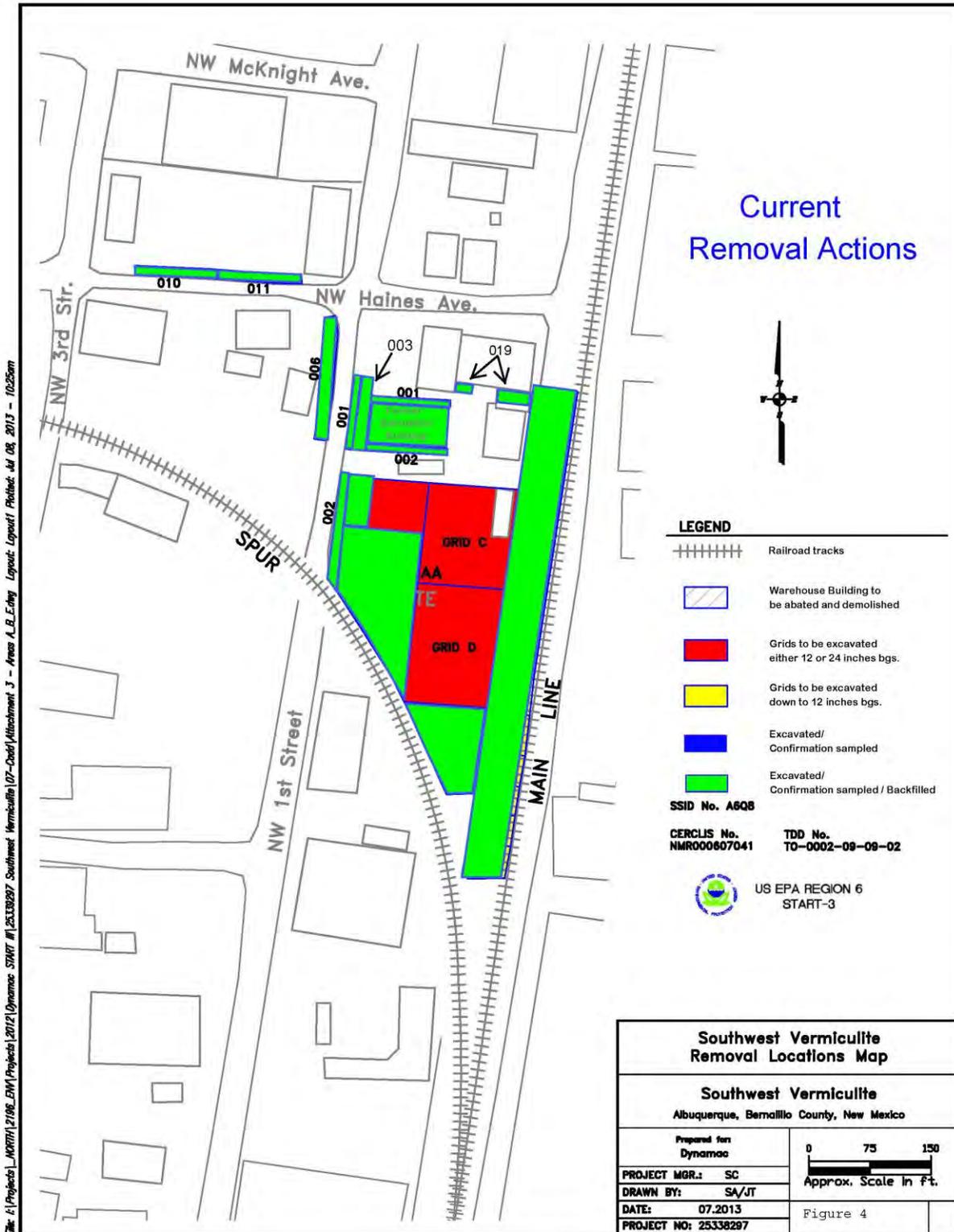


Photograph DSC00890: View looking south at scrap metal recently dumped onto the southwestern portion of Area A, Grid D.



Photograph DSC00892: View looking south at Area B after cover material placed and graded.

Current Removal Status Figure (Updated 1/11/14).



## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 16, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 35°F; High: 57°F; Winds low to 5 - 6 mph from the west/northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. Two of the three air samples were sent for analysis, while the third air sample was discarded due to the air cassette getting wet and overloaded. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected confirmation samples from Area A, Grids C and D areas west of the spur on W. Silver. START3 received analytical data for samples collected in the W. Silver Scale House trailer which indicated the presence of asbestos fibers.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS reinstalled the chain link fencing at the end of Haines Avenue after completion of the NMDOT ROW (Area B) work. ERRS excavated the areas west of the W. Silver spur in Area A, Grid C (24 in. bgs) and Area A, Grid D (12 in bgs), and completed placement, compaction and grading of cover material following excavation. ERRS supported limited operations within W. Silver by rinsing scrap metal during movement between Grids D and E on site (Area A). ERRS personnel decontaminated the EPA Office trailer and set up a series of operational and decontamination procedures related to use of the EPA trailer.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will prepare to collect confirmation samples following excavation activities on the W. Silver site. START3 will continue to work with the OSC and ERRS to develop procedures to address potential cross-contamination issues at the site and support zones.
- B. ERRS: ERRS will load out end dumps/roll offs from the stockpile located on the W. Silver site. ERRS will coordinate receipt of up to five roll-offs staged at the site for operations to be conducted over the weekend in Area A, Grid D where elevated asbestos concentrations are expected. ERRS will prepare for and initiate excavation activities on the W. Silver site in the eastern portion of Grid D. ERRS will initiate placement, compaction and grading of cover material following excavation of the eastern portion of Grid D.

## **ATTACHMENTS**

Photographs: DSC00895 and NB0004

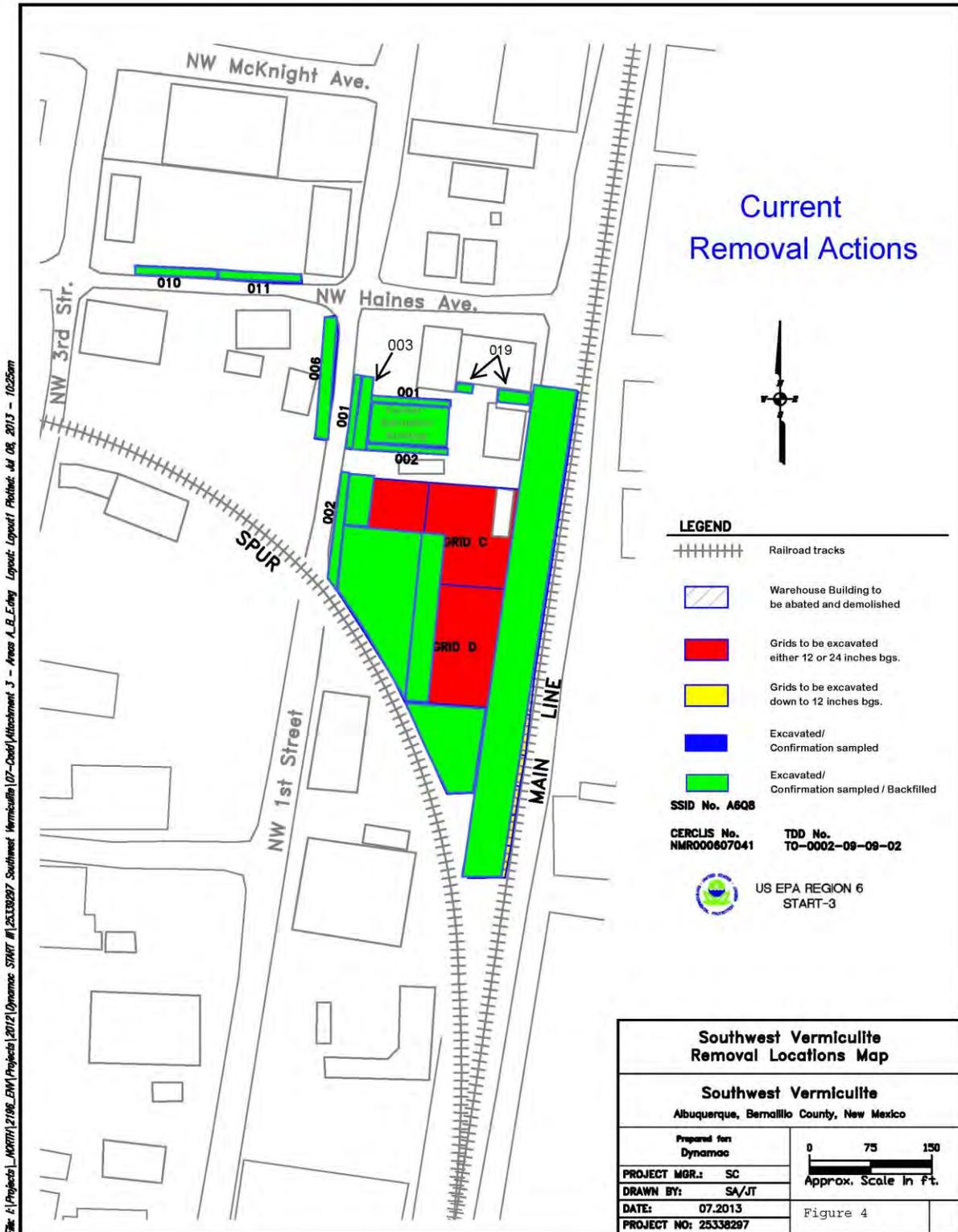


Photograph DSC00895: View looking southeast at Area A, Grid D east of the rail spur.



Photograph NB0004: View looking east into EPA Field Office Trailer as Decontamination is conducted.

Current Removal Status Figure (Updated 1/16/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 17, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 28°F; High: 56°F; Winds low to 5 - 6 mph from the west/northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS loaded ten (10) end dumps/roll-offs for a daily total of 147 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 166 loads, for a total of 2,409 cubic yards. ERRS supported limited operations within W. Silver by decontaminating the "bailer" prior to removal offsite to allow for operations in Area A, Grid C in the coming week. ERRS coordinated staging of five (5) roll-off boxes on the W. Silver property to support weekend operations in Area A, Grid D, where elevated levels of asbestos are expected. ERRS personnel prepared a decontamination and PPE staging area aimed at reducing or eliminating the potential for cross-contamination in/at the EPA Office trailer.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect confirmation samples in Area A, Grid D following excavation activities on the W. Silver site. START3 will continue to work with the OSC and ERRS to develop procedures to address potential cross-contamination issues at the site and support zones.
- B. ERRS: ERRS will excavate along the W. Silver spur, as well as between the ties using a mini excavator. ERRS will excavate soils down to 24" bgs in Area A, Grid D and will immediately load out and burrito wrap any visibly (e.g., visible vermiculite layers, lenses or fill) impacted soil into the staged roll-off boxes to eliminate/reduce any potential exposure to elevated asbestos levels in stockpiled soil. ERRS will prepare for and initiate placement, compaction and grading of cover material in the excavated areas of the W. Silver spur line and Area A, Grid D.

## **ATTACHMENTS**

Photographs: DSC00904 and DSC00905

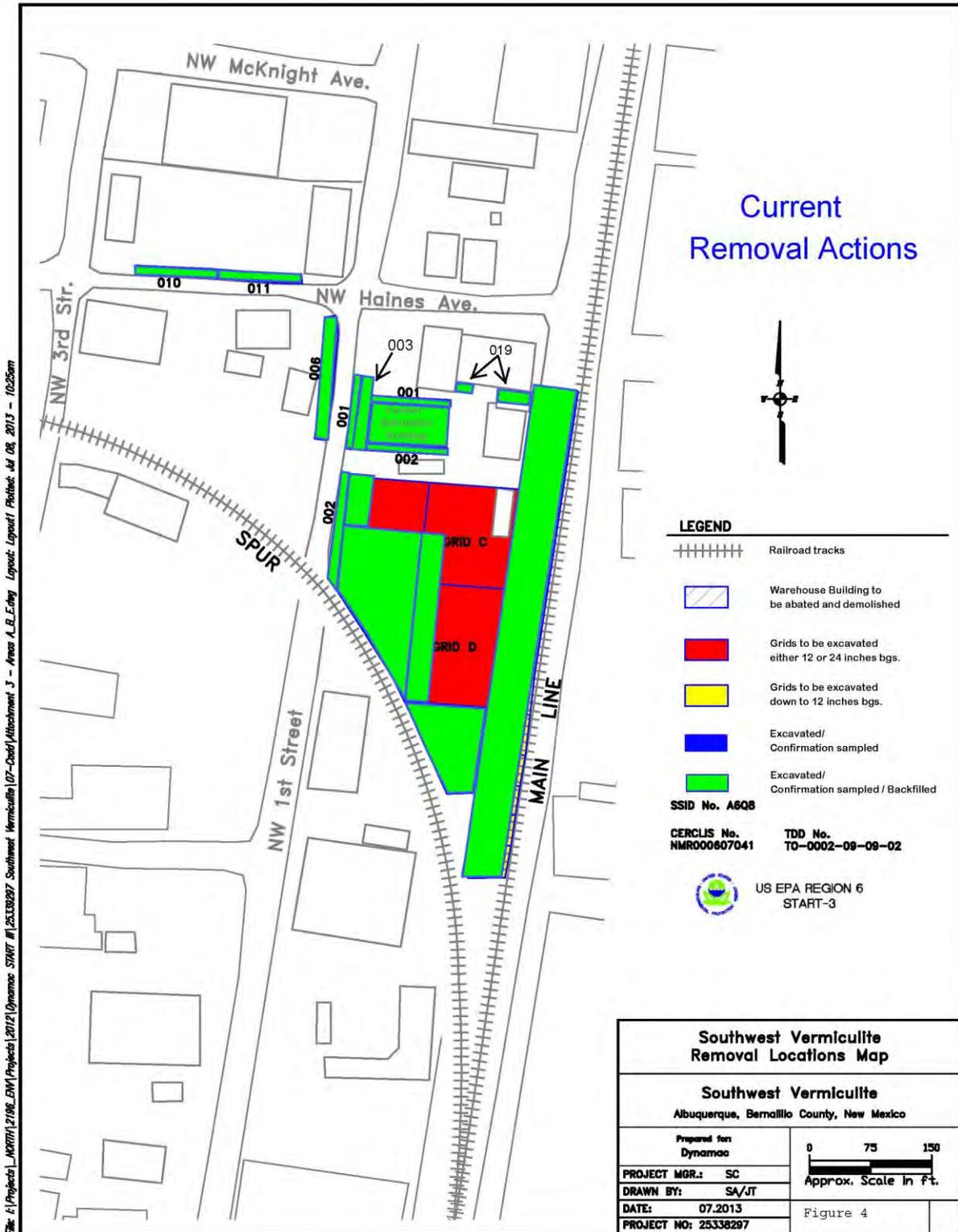


Photograph DSC00904: View looking south at Area A, Grid D west of the rail spur after excavation and placement of cover material.



Photograph DSC00905: View looking northeast at decontamination and PPE staging area for the EPA Field Office Trailer.

Current Removal Status Figure (Updated 1/16/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 PlotDate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 18, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off Site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 32°F; High: 56°F; Winds low to 4 - 5 mph from the west/northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 staged within the hot zone to observe potential vermiculite deposits/lenses first hand during excavation activities.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS completed excavation of the southern portion of the spur (8" bgs) and the southern portion of Area A, Grid D (24" bgs). ERRS initiated the excavation of the east portion of Grid D (24" bgs) adjacent to the facility boundary/fence line. Due to observation made while in Area B (NMDOT ROW), ERRS evaluated the material during excavation and placed any soil with a noted or potential deposits of vermiculite directly into one of five roll-off boxes staged at the facility.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect up to two confirmation samples in Area A, Grid D following excavation activities on the W. Silver site. START3 will observe excavated materials to help assess the potential presence of higher levels of vermiculite.
- B. ERRS: ERRS will continue to excavate soils down to 24" bgs in Area A, Grid D and will continue to immediately load out and burrito wrap any visibly (e.g., visible vermiculite layers, lenses or fill) impacted soil into the staged roll-off boxes. ERRS will continue to stage the remaining soil in the Area A, Grid A stockpile and if needed, will also stage excavated soil in a secondary stockpile located on the northwest portion of Area A, Grid D. ERRS will initiate placement, compaction and grading of cover material in the excavated areas of the W. Silver spur line and portions of Area A, Grid D.

## **ATTACHMENTS**

Photographs: DSC00916 and DSC00926

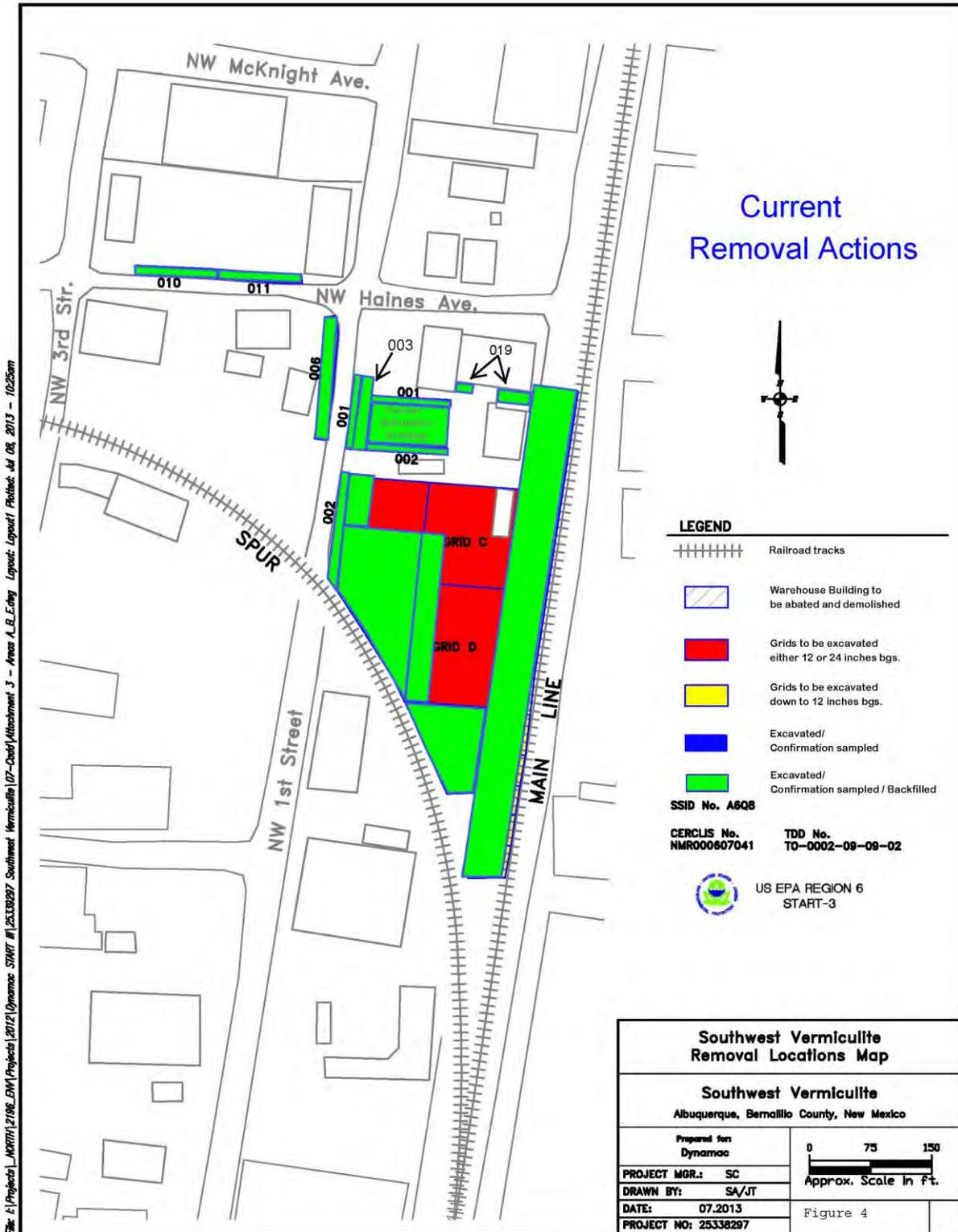


Photograph DSC00916: View looking north at excavated areas of W. Silver rail spur.



Photograph DSC00926: View looking northeast at excavation activities along Area A, Grid D fence line.  
Note saturated soil and removal of portions of historical (tall) wind fence.

Current Removal Status Figure (Updated 1/16/14).



## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 19, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off Site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 28°F; High: 58°F; Winds low to 2 - 4 mph from the south. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample from the eastern half of Area A, Grid D. START3 collected multiple confirmation sample aliquots from the southwest portion of the excavated Area A, Grid D and will collect additional aliquots from the northwestern portion as the soil stockpiled in the area is removed.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS completed the excavation of the eastern portion of Area A, Grid D (to 24" bgs), as well as the southwestern portion of Grid D (to 24" bgs). ERRS completed filling and "burrito-wrapping" the five staged roll-offs for disposal. ERRS initiated placement, compaction and grading of the cover material in Area A, Grid E. ERRS initiated placement, compaction and grading of the cover material in the southern and eastern portions of Area A, Grid D.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will complete collection of the remaining aliquots from the northwest portion of Area A, Grid D. As appropriate, START3 will collect a confirmation sample in Area A, Grid C following excavation activities on the W. Silver site.
- B. ERRS: ERRS will load out end dumps/roll-offs from the soil stockpiled in Area A, Grid A and will coordinate removal and disposal of the five (5) roll-offs staged at the site. After loading from the stockpile, ERRS will move a secondary stockpile from the northwest corner of Area A, Grid D and will continue to excavate soils to 24" bgs. ERRS will continue placement, compaction and grading of cover material in the excavated areas of Area A, Grid D.

## **ATTACHMENTS**

Photographs: DSC00931 and DSC00933

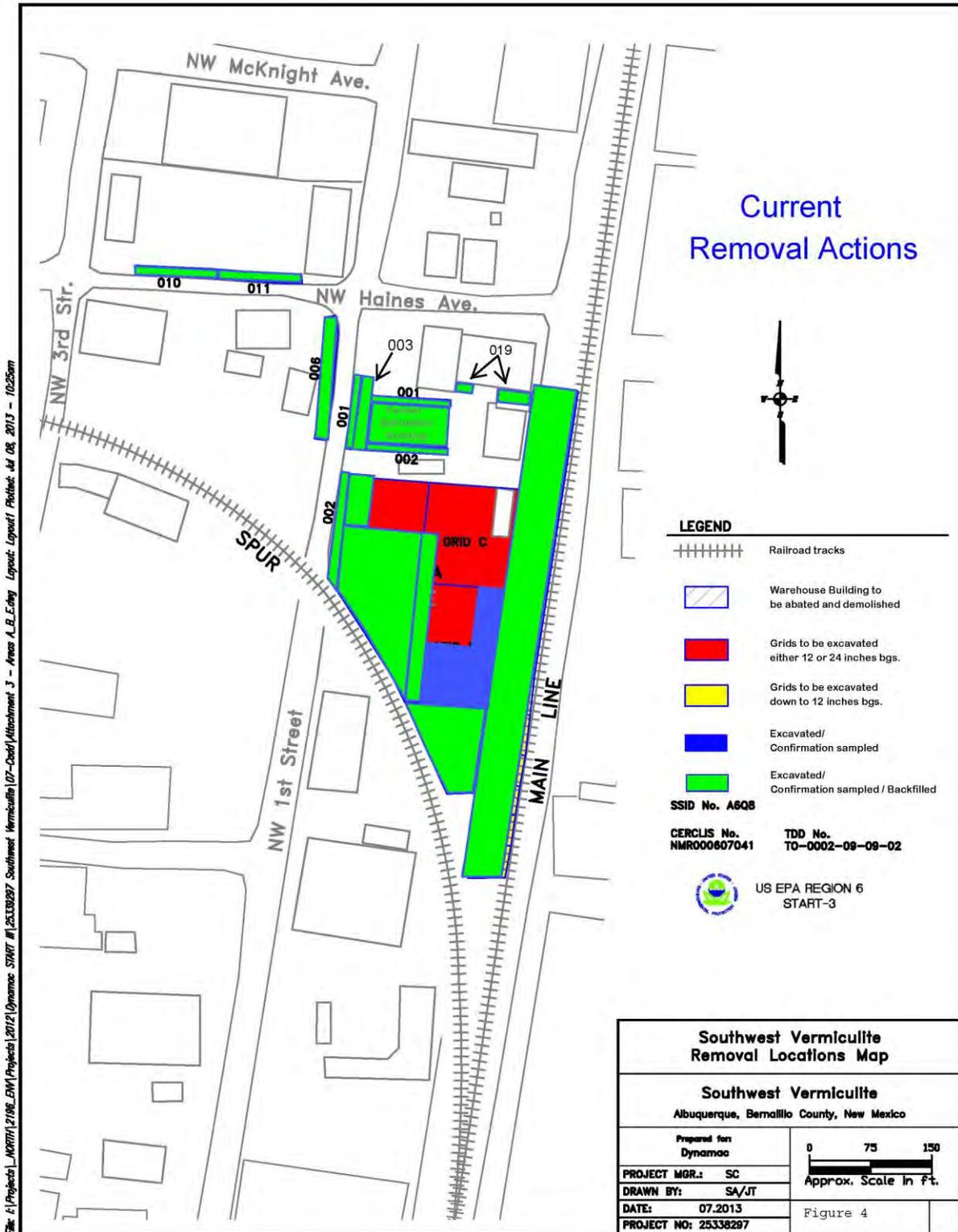


Photograph DSC00931: View looking north at excavated areas of W. Silver Area A, Grid D with barricade fencing in excavation base prior to placement of cover material.



Photograph DSC00933: View looking south at Area A, Grids D and E along rail spur after initial placement and compaction of cover material.

Current Removal Status Figure (Updated 1/16/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSID\07-Cover\Attachment J - Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 20, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 32°F; High: 56°F; Winds low to 2 - 4 mph from the north. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. **Site Progress Made:** START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected additional confirmation sample aliquots from the northwest portion of the excavation in Area A, Grid D to complete the Grid D Middle confirmation sample.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS completed the excavation of the northwestern portion of Area A, Grid D (to 24" bgs). ERRS loaded/shipped eighteen (18) end dumps/roll-offs for a daily total of 267 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 184 loads, for a total of 2,676 cubic yards. ERRS continued with placement, compaction and grading of the cover material in Area A, Grid D.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will conduct sampling and monitoring as appropriate. START3 will collect additional indoors air and/or dust samples from the W. Silver warehouse and scale trailer areas, as well as the EPA field trailer. As appropriate, START3 will collect a confirmation sample in Area A, Grid C following excavation activities on the W. Silver site.
- B. **ERRS:** ERRS will load out end dumps/roll-offs from the soil stockpiled in Area A, Grid A. ERRS will continue placement, compaction and grading of cover material in Area A, Grid D. ERRS will support W. Silver operations to relocate scrap metal from Area A, Grid C to the completed Grid D, and will prepare to initiate excavation in Area A, Grid C.

## **ATTACHMENTS**

Photographs: DSC00936 and DSC00939

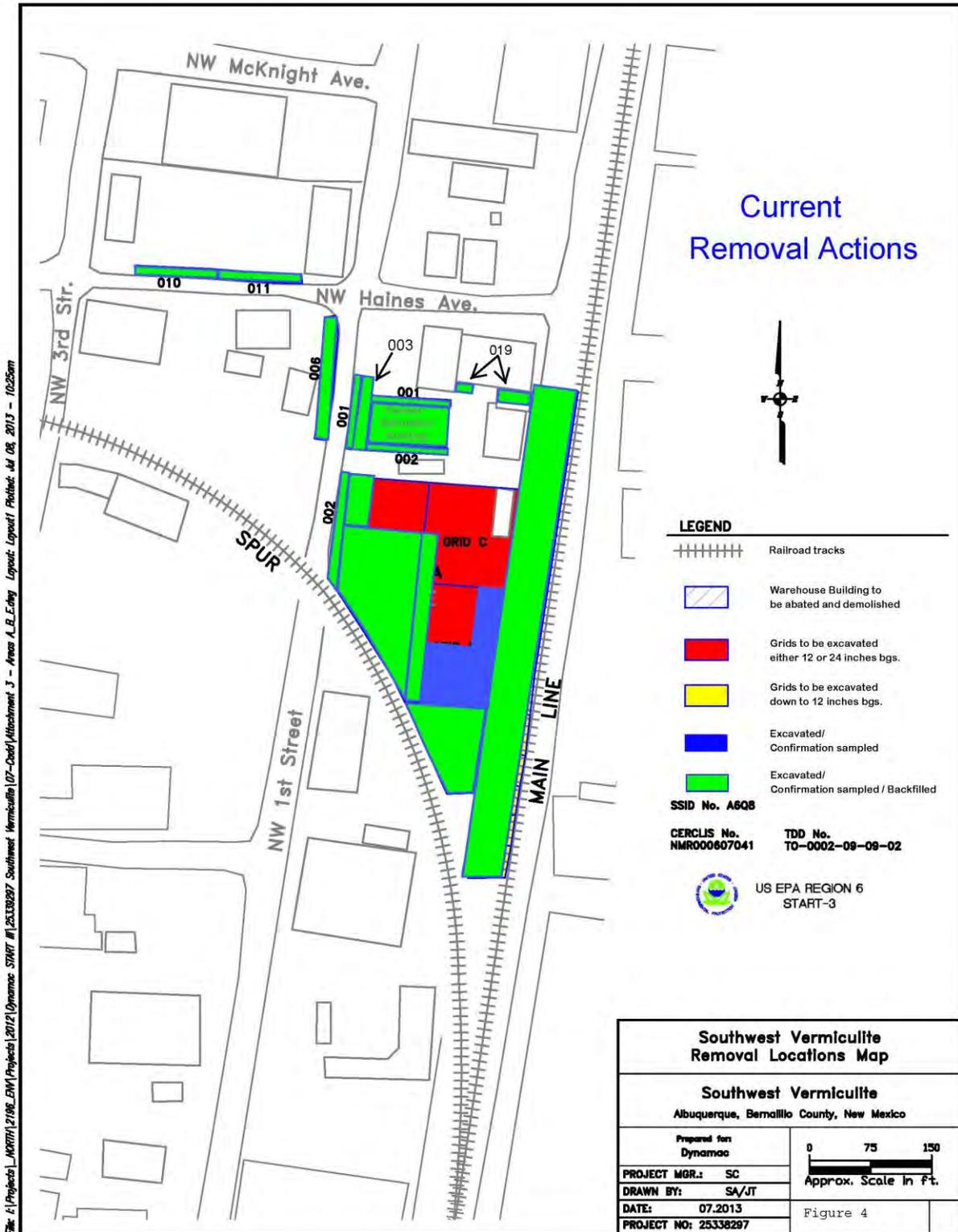


Photograph DSC00936: View looking southeast at loading operations from the stockpile on the W. Silver site.



Photograph DSC00939: View looking north at sample within excavated area in northwest portion of Area A, Grids D.

Current Removal Status Figure (Updated 1/19/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
January 21, 2014**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 28°F; High: 58°F; Winds light to 2 - 4 mph from the north. Clear skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

**B. ERRS Activities**

- a. Site Progress Made: ERRS loaded eighteen (18) end dumps/roll-offs for a daily total of 261 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 202 loads, for a total of 2,937 cubic yards. ERRS continued with placement, compaction and grading of the cover material in Area A, Grid D.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect additional indoors air and/or dust samples from the W. Silver warehouse and scale trailer areas, as well as the EPA field trailer. As appropriate, START3 will collect a confirmation sample in Area A, Grid C following excavation activities on the W. Silver site.
- B. ERRS: ERRS will load out end dumps/roll-offs from the soil stockpiled in Area A, Grid A. ERRS will support W. Silver operations to relocate scrap metal from Area A, Grid C to the completed Grid D, and will prepare to initiate excavation in Area A, Grid C. ERRS will prepare to power/pressure wash the concrete areas located between the W. Silver warehouse and the main scrap yard area. ERRS will initiate excavation of the smaller soil areas around the W. Silver trailer and/or eastern fence line area either by hand or using the mini-Excavator.

## **ATTACHMENTS**

Photographs: DSC00940 and DSC00942

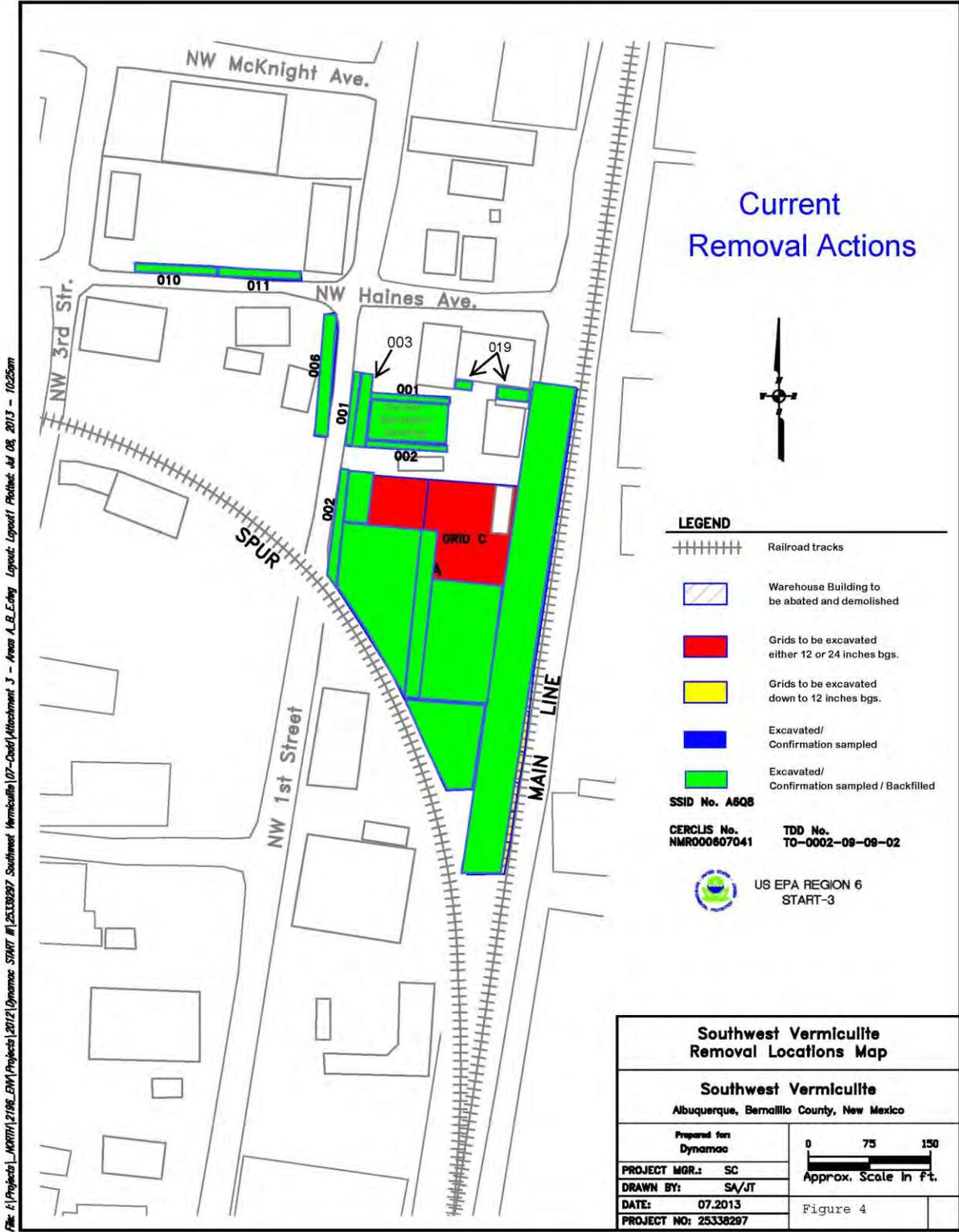


Photograph DSC00940: View looking south at loading operations from the stockpile on the W. Silver site. Poly layer is placed to allow truck with cover material to traverse to the Grid D area to dump.



Photograph DSC00942: View looking southeast at loading operations from the W. Silver stockpile. Dust suppression in progress.

Current Removal Status Figure (Updated 1/21/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 PlotDate: Jul 08, 2013 -- 10:25am

**Southwest Vermiculite (Phase II) – Removal Action  
Daily Progress Report  
January 22, 2014**

**1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

**2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 27°F; High: 47°F; Winds light to 2 - 4 mph from the north. Mostly cloudy skies.

**3. Removal Action Daily Site Activities**

**A. START-3 Activities**

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

**B. ERRS Activities**

- a. Site Progress Made: ERRS loaded fifteen (15) end dumps/roll-offs for a daily total of 219 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 217 loads, for a total of 3,156 cubic yards. ERRS continued with placement, compaction and grading of the cover material in Area A, Grid D. ERRS supported W. Silvers efforts to relocate scrap metal from Area A, Grid C to Grids D and/or E.

**4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect additional indoor air and/or dust samples from the W. Silver warehouse and scale trailer areas, as well as the EPA field trailer.
- B. ERRS: Due to potentially high winds which would limit excavation or other site activities, ERRS field personnel will not work on 1/23/14. ERRS will have a limited presence at the site with the RM on-site and FCA working remotely part of the day.

## **ATTACHMENTS**

Photographs: DSC00946 and DSC00950

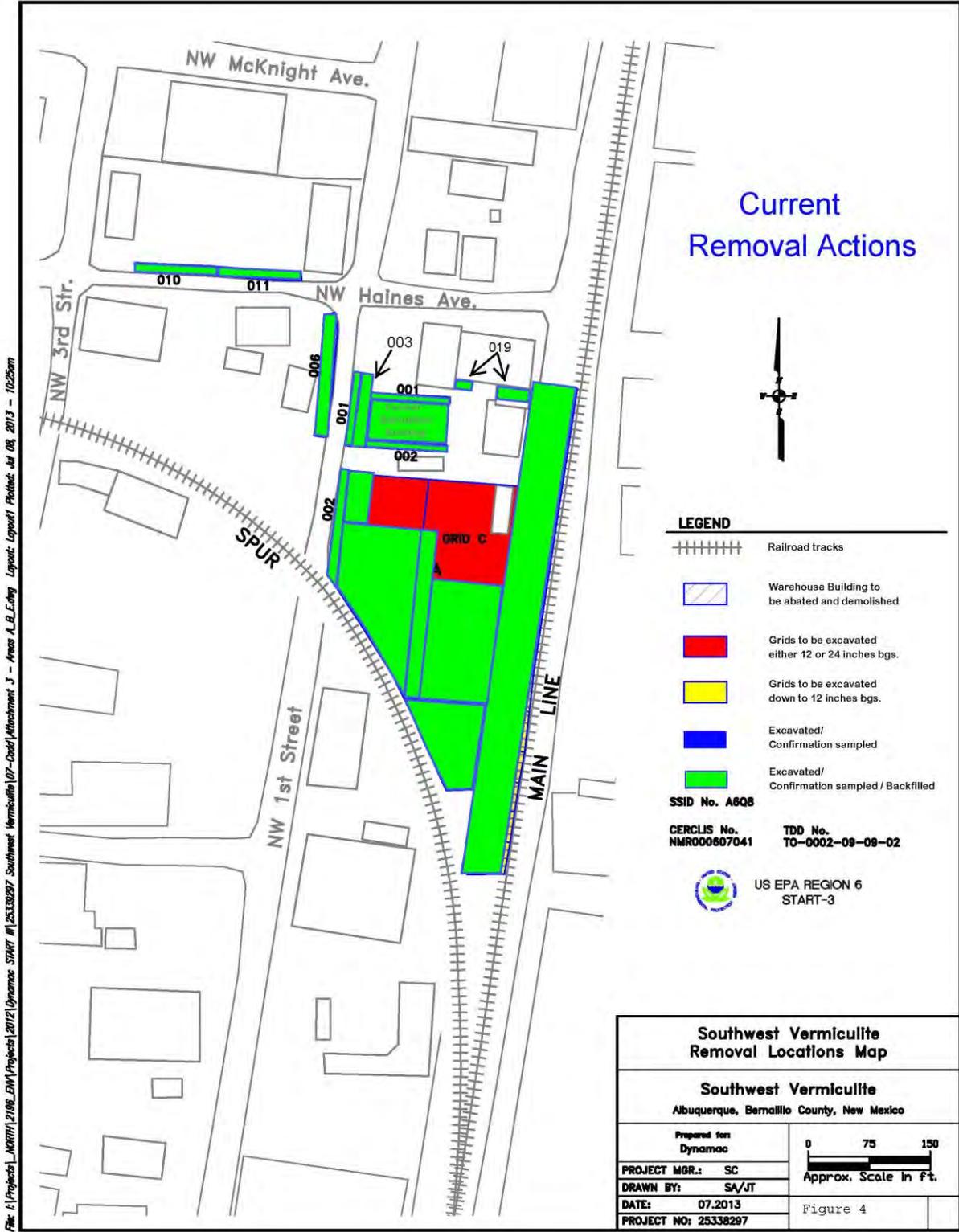


Photograph DSC00946: View looking north at completed Area A, Grid D.



Photograph DSC00950: View looking east at loading operations and stockpile management at the W. Silver stockpile. Note current depth of approximately 30" bgs.

Current Removal Status Figure (Updated 1/21/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSM\25338297 Southwest Vermiculite\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 PlotDate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 24, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 18°F; High: 50°F; Winds light to 4 – 6 mph from the north. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### A. START-3 Activities

##### Site Progress Made:

- a. Site Progress Made: START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a soil confirmation sample at the base of the 24" bgs excavation in the southern portion of Area A, Grid C (representing approximately 40% of Grid C). START3 received word that the three air samples collected on 1/23/14 in the W. Silver Scale Trailer and Warehouse were overloaded with particulates and will have to undergo a "Redeposit" procedure.

#### B. ERRS Activities

- a. Site Progress Made: ERRS supported W. Silver operations to relocate scrap metal off of Area A, Grid C and into Grid D or E. ERRS initiated excavation in the southern portion of Area A, Grid C (24" bgs). ERRS loaded nine (9) end dumps/roll-offs for a daily total of 132 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 226 loads, for a total of 3.288 cubic yards. ERRS initiated placement, compaction and grading of cover material in Area A, Grid C.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect a confirmation sample in the northern portion of Area A, Grid C following excavation activities on the W. Silver site.
- B. ERRS: ERRS will continue excavation in Area A, Grid C. ERRS will load out end dumps/roll-offs from the soil stockpiled in Area A, Grid A. ERRS will initiate pressure washing the concrete areas located between the W. Silver warehouse and the main scrap yard area. ERRS will initiate excavation of the smaller soil areas around the W. Silver trailer and/or eastern fence line area either by hand or using the mini-Excavator.

## **ATTACHMENTS**

Photographs: DSC00971 and DSC00973

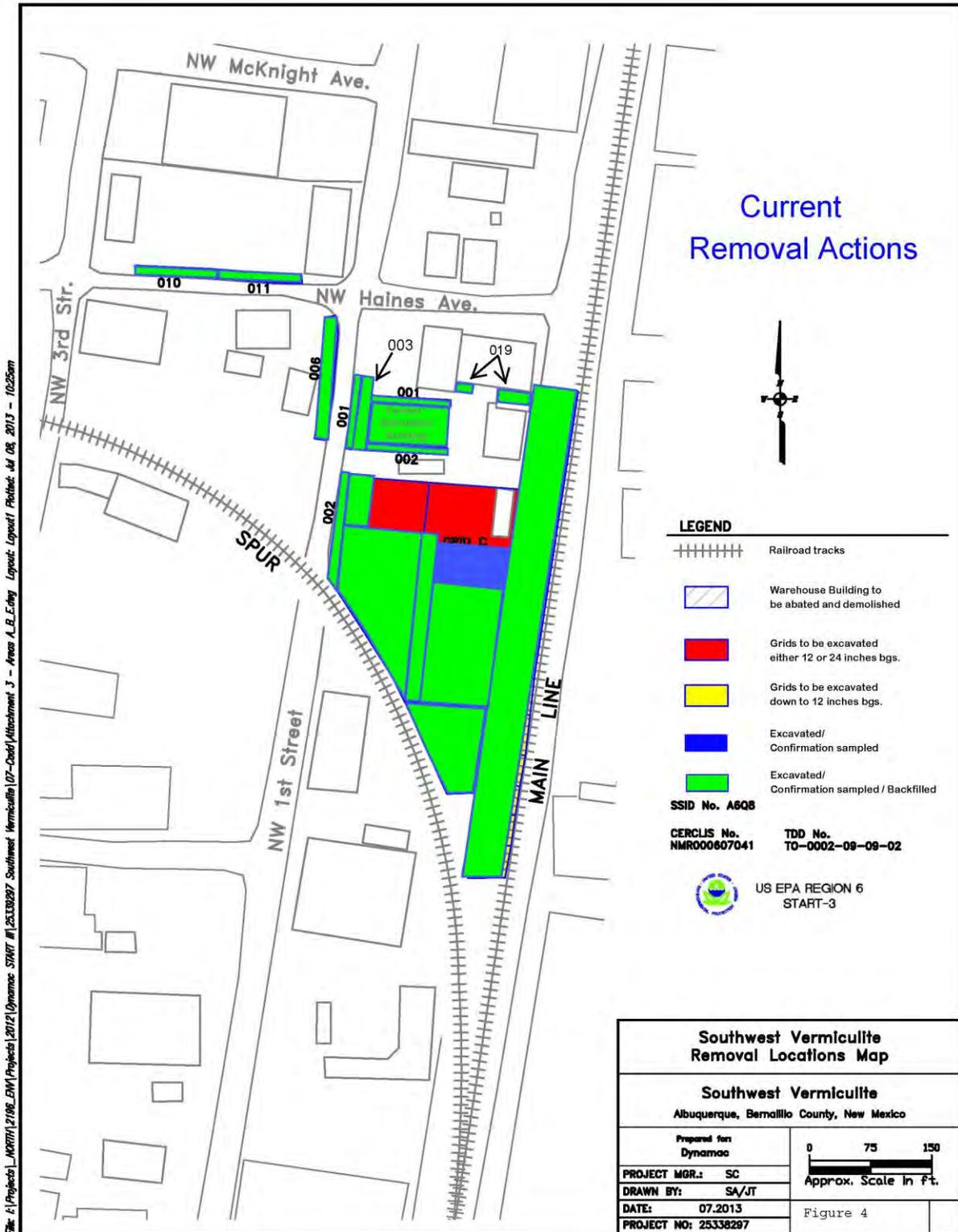


Photograph DSC00971: View looking northeast at confirmation sample in the excavated area of the southern portion of Area A, Grid C.



Photograph DSC00973: View looking southeast at excavation activities within the northern portion of Area A, Grid C. Dust suppression in progress.

Current Removal Status Figure (Updated 1/24/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 23, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 32°F; High: 45°F; Winds moderate to high at 13 to 16 mph, with gusts to 29 mph from the east. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

- a. Site Progress Made: No field activities were conducted. START3 collected four confirmation dust samples within the EPA Office Trailer to assess decontamination procedures conducted on 1/11/14. START 3 collected five (5) Air Samples from the EPA Office Trailer (2), the W. Silver Scale House Trailer (2) and the W. Silver Warehouse (1). These samples will be analyzed for ISO 10312 (Dust) and NIOSH 7402 (Air) respectively to assess the presence of Libby Amphibole.

#### **B. ERRS Activities**

- a. Site Progress Made: Due to high winds, the ERRS field crew did not conduct activities on the site. The ERRS RM was on-site to conduct a review of the bid packages from the Abatement Contractors and to evaluate Removal costs and operations.

### **4. Removal Action Future Activities**

- A. START-3: START3 will conduct sampling and monitoring as appropriate. START3 will collect a confirmation sample in Area A, Grid C following excavation activities on the W. Silver site.
- B. ERRS: ERRS will support W. Silver operations to relocate scrap metal from Area A, Grid C to the completed Grid D, and will initiate excavation in Area A, Grid C. ERRS will load out end dumps/roll-offs in the afternoon of 1/23/14 from the soil stockpiled in Area A, Grid A. ERRS will initiate pressure washing the concrete areas located between the W. Silver warehouse and the main scrap yard area. ERRS will initiate excavation of the smaller soil areas around the W. Silver trailer and/or eastern fence line area either by hand or using the mini-Excavator.

## **ATTACHMENTS**

Photographs: DSC00951 and DSC00963

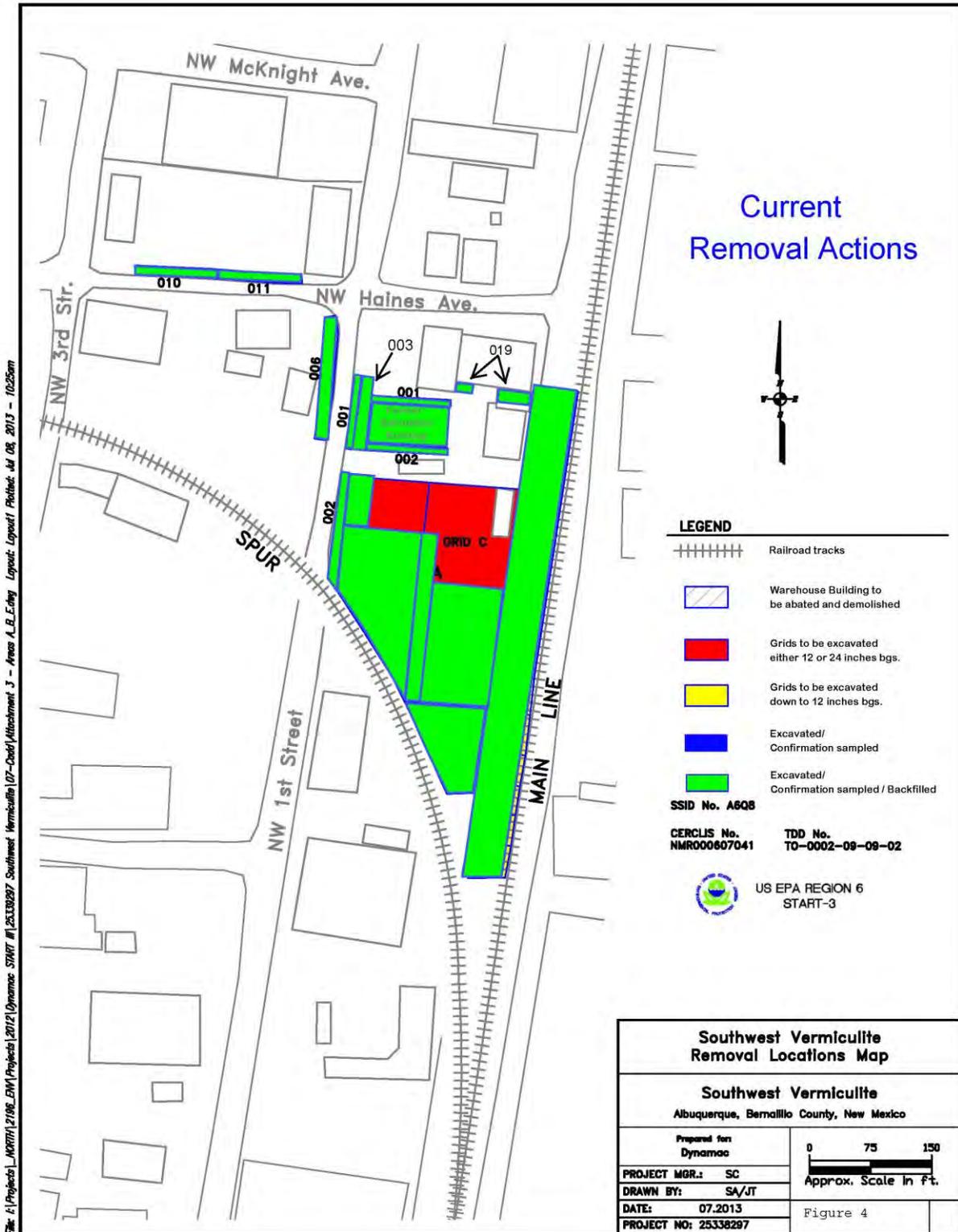


Photograph DSC00951: View looking southeast within the EPA Office Trailer at Dust sampling being collected to assess/confirm the trailer decontamination activities conducted the prior week.



Photograph DSC00963: View looking northwest within the W. Silver Scale House trailer at the Air Sample being collected near the location of recent dust samples with elevated levels of Libby Amphibole.

Current Removal Status Figure (Updated 1/21/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 25, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 27°F; High: 56°F; Winds light to 4 – 6 mph from the north. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

##### **Site Progress Made:**

- a. **Site Progress Made:** START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a soil confirmation sample (0-6" bgs) at the base of the 24" bgs excavation in the northern portion of Area A, Grid C.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS completed excavation in the northern portion of Area A, Grid C (24" bgs). ERRS loaded seventeen (17) end dumps/roll-offs for a daily total of 249 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 243 loads, for a total of 3,537 cubic yards. ERRS continued placement, compaction and grading of cover material in Area A, Grid C.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will conduct sampling and monitoring as appropriate. START3 will collect confirmation samples in the northwest portion of Area A, Grid C (west of the W. Silver spur) and the northern portion of Area A, Grid A following excavation activities on the W. Silver site.
- B. **ERRS:** ERRS will initiate excavation in the northwest portion of Area A, Grid C (west of the W. Silver rail spur) (24" bgs) and the northern portion of Area A, Grid A (24" bgs). ERRS will initiate placement, compaction and grading of cover material in the northwest portion of Area A, Grid C and the northern portion of Area A, Grid A. Where warranted, ERRS will continue pressure washing the concrete areas located between the W. Silver warehouse and the main scrap yard area. ERRS will continue excavation of the smaller soil areas around the W. Silver trailer and scale area, as well as the eastern fence line area either by hand or using the mini-Excavator. ERRS will decon and demobilize some of the rented heavy equipment.

## **ATTACHMENTS**

Photographs: DSC00978 and DSC00983

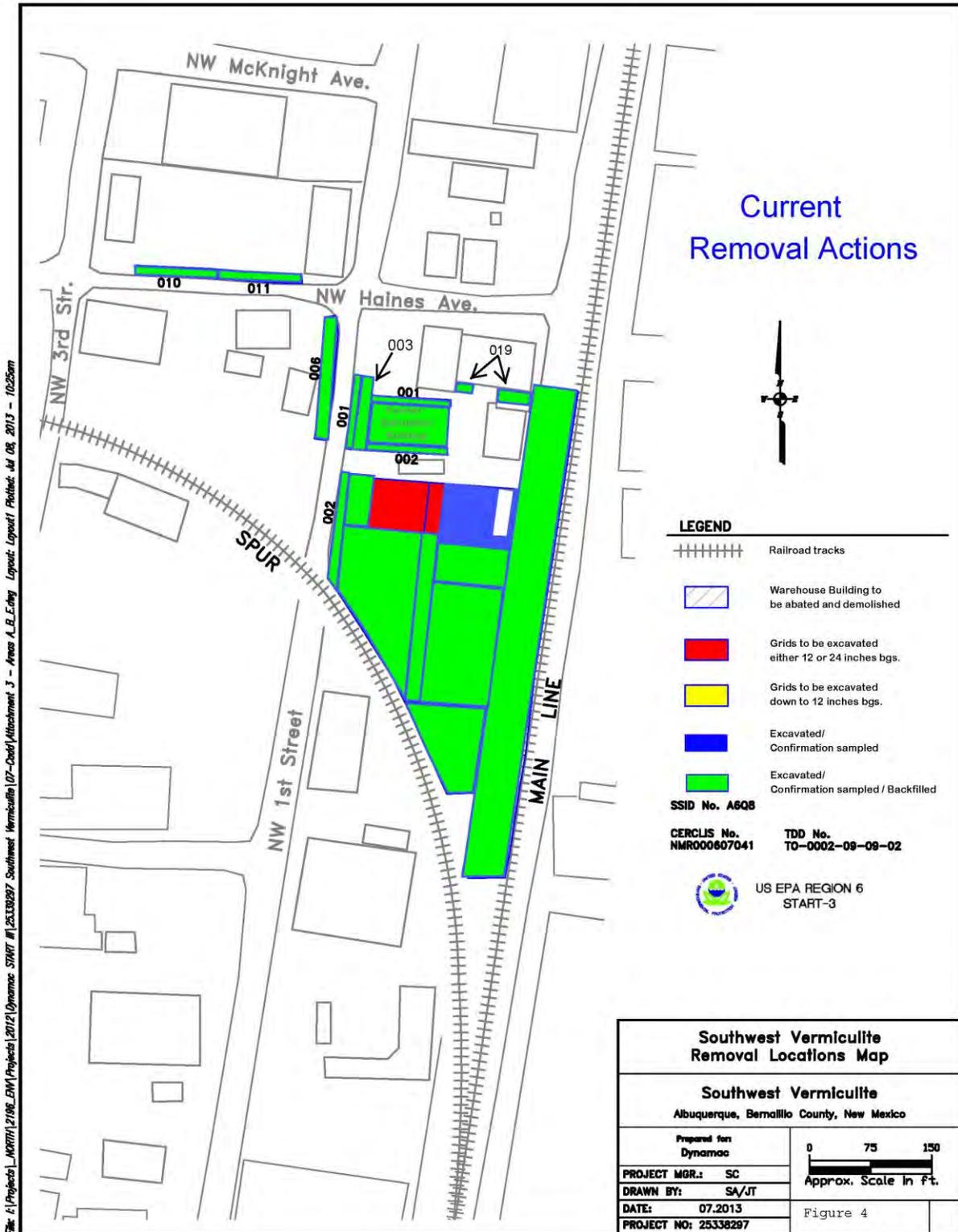


Photograph DSC00978: View looking northwest at ERRS power washing concrete pad between the W. Silver warehouse and the scrap yard area.



Photograph DSC00983: View looking southeast at grading activities within the northern portion of Area A, Grid C.

Current Removal Status Figure (Updated 1/25/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSID\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 PlotDate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 26, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-site)
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 32°F; High: 61°F; Winds light to 3 - 4 mph from the northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

##### **Site Progress Made:**

- a. **Site Progress Made:** START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected soil confirmation samples (0-6" bgs) at the base of the 24" bgs excavation in the northwestern portion of Area A, Grid C (west of the W. Silver rail spur) and the northern portion of Area A, Grid A.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS completed excavation of soil from the northwest portion of Area A, Grid C (west of the W. Silver rail spur) (24" bgs) and the northern portion of Area A, Grid A (24" bgs). ERRS continued placement, compaction and grading of cover material in Area A, Grid C east of the rail spur, the northwest portion of Area A, Grid C (west of the rail spur), and in the northern portion of Area A, Grid A. ERRS power washed portions of the concrete pad between the W. Silver warehouse and the scrap metal yard area.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will conduct sampling and monitoring as appropriate. START3 will collect confirmation samples in the middle portion of Area A, Grid A where the soil stockpile is staged. As appropriate, START3 will demobilize some of the rented sampling/monitoring equipment from the site.
- B. **ERRS:** ERRS will continue placement, compaction and grading of cover material in the northwest portion of Area A, Grid C and the northern portion of Area A, Grid A. ERRS will load out end dumps/roll-offs from the soil stockpiled in the middle of Area A, Grid A. Where warranted, ERRS will continue pressure washing the concrete areas located between the W. Silver warehouse and the main scrap yard area. ERRS will continue excavation of the smaller soil areas around the W. Silver trailer and scale area, as well as the eastern fence line area either by hand or using the mini-Excavator. As appropriate, ERRS will decontaminate and demobilize some of the rented heavy equipment.

## **ATTACHMENTS**

Photographs: DSC00992 and DSC01001

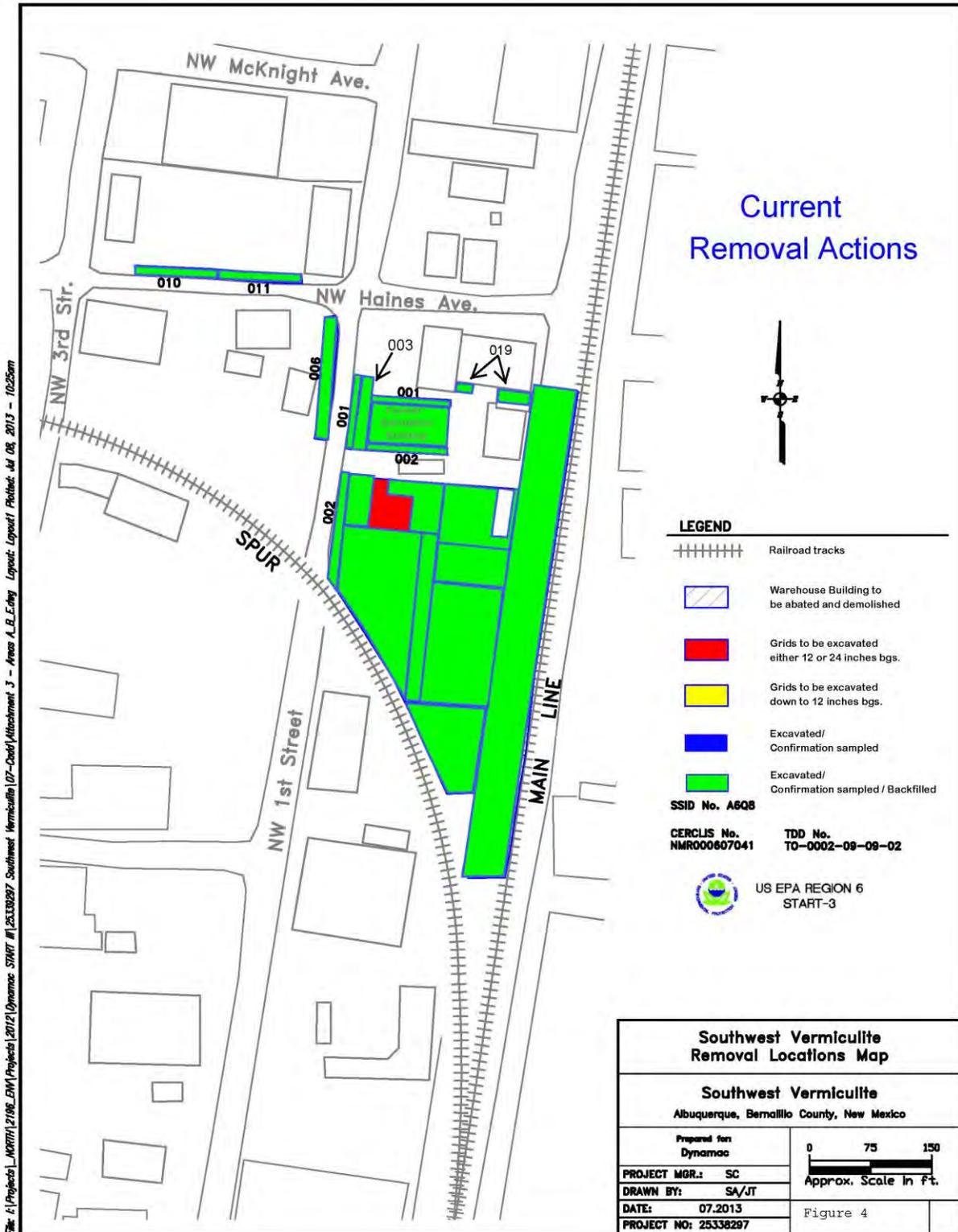


Photograph DSC00992: View looking southeast at excavated area in the northern portion of Area A, Grid A prior to placement of orange barricade fencing in base of excavation and placement of cover material.



Photograph DSC01001: View looking northwest northern portion of Area A, Grid A after (partial) placement, compaction and grading of cover material.

Current Removal Status Figure (Updated 1/26/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSID\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 27, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 33°F; High: 53°F; Winds light to 6 – 8 mph from the north early, switching to southern winds late. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

##### **Site Progress Made:**

- a. **Site Progress Made:** START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS loaded seventeen (17) end dumps/roll-offs for a daily total of 249 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 259 loads, for a total of 3,786 cubic yards. ERRS continued placement, compaction and grading of cover material in Area A, Grid A and Area A, Grid C and select areas around the W. Silver scale trailer and east fence line. ERRS decontaminated and demobilized select heavy equipment from the site. ERRS continued to power wash portions of the concrete pad between the W. Silver warehouse and the scrap metal yard area.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will conduct sampling and monitoring as appropriate. START3 will collect confirmation samples in the middle portion of Area A, Grid A where the remaining soil stockpile is currently staged. As appropriate, START3 will demobilize some of the rented sampling/monitoring equipment from the site.
- B. **ERRS:** ERRS will load out end dumps/roll-offs from the soil stockpiled in the middle of Area A, Grid A. ERRS will continue placement, compaction and grading of cover material in Area A, Grid A, and , Area A, Grid C, as well as the area under the soil stockpile following disposal of the stockpile content. Where warranted, ERRS will continue pressure washing the concrete areas located between the W. Silver warehouse and the main scrap yard area, as well as the W. Silver shed/lean too located in the northeast portion of Area A, Grid C. ERRS will continue excavation of the smaller soil areas around the W. Silver trailer and scale area. As appropriate, ERRS will continue to decontaminate and demobilize some of the rented heavy equipment.

## **ATTACHMENTS**

Photographs: DSC01005 and DSC01008

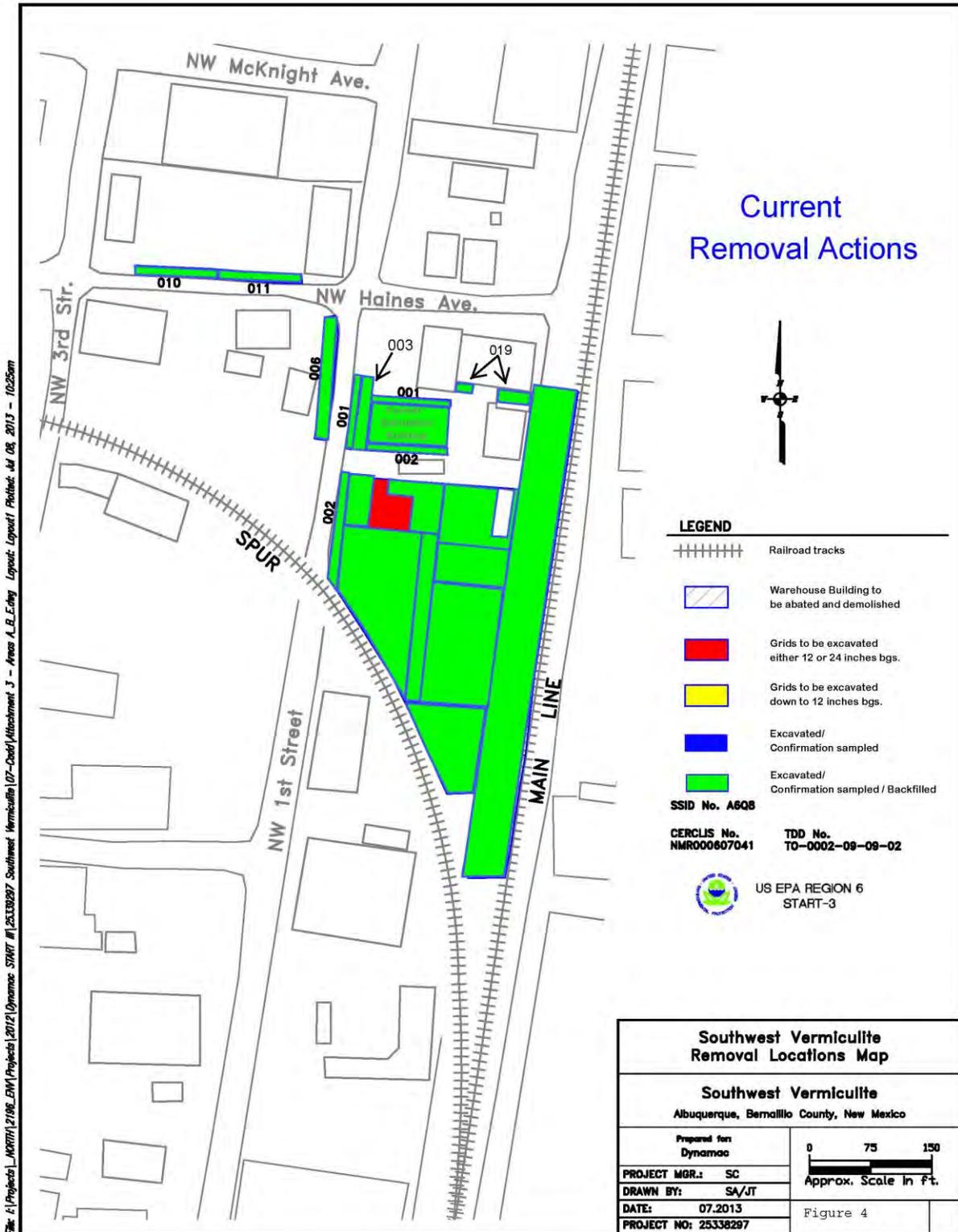


Photograph DSC01005: View looking south at Area A, Grid C following placement of cover material. Grading and compaction ongoing.



Photograph DSC01008: View looking southeast at remaining soil stockpile in middle/central portion of Area A, Grid A.

Current Removal Status Figure (Updated 1/26/14).



## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 28, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

- A. Today's Weather: Low: 24°F; High: 53°F; Winds light to moderate at 8 - 10 mph from the northwest. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

##### **Site Progress Made:**

- a. **Site Progress Made:** START3 placed three air samples, two PDRs and one FAM-1 to monitor the activities on the W. Silver site. No fibers were detected on the FAM-1, and PDR Time Weighted Average (TWA) readings for the day were two orders of magnitude lower than the TWA action level of 2.5 mg/cc. START3 collected a confirmation sample (0-6" bgs) from the base of the excavation in the central portion of Area A, Grid A where the soil stockpile was located. START3 decontaminated and demobilized the majority of the air sampling and monitoring equipment.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS loaded ten (10) end dumps/roll-offs for a daily total of 147 cubic yards. The total volume of impacted soil disposed of at the Keer's Landfill to date is 270 loads, for a total of 3,933 cubic yards. ERRS initiated placement, compaction and grading of cover material in the central portion of Area A, Grid A and select areas around the W. Silver scale trailer and east fence line. ERRS placed an asbestos encapsulant on the soil around/adjacent to the W. Silver scale and trailer. ERRS decontaminated and demobilized select heavy equipment from the site. ERRS power washed the lean too located in the northeast portion of Area A, Grid C.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will decontaminate and demobilize the remaining sampling/monitoring equipment from the site. START3 will participate in a meeting with the Abatement Contractor (SHC) regarding the schedule for the Abatement activities.
- B. **ERRS:** ERRS will continue placement, compaction and grading of cover material in the central portion of Area A, Grid A and other site areas as appropriate. Where warranted, ERRS will continue pressure washing the concrete areas located between the W. Silver warehouse and the main scrap yard area. ERRS (with the OSC and START3) will meet with the Abatement Contractor (SHC) and W. Silver to define a schedule for the Abatement activities. ERRS will continue to decontaminate and demobilize some of the rented heavy equipment. ERRS will conduct site housekeeping and a site walk prior to demobilization.

## **ATTACHMENTS**

Photographs: DSC01015 and DSC01018

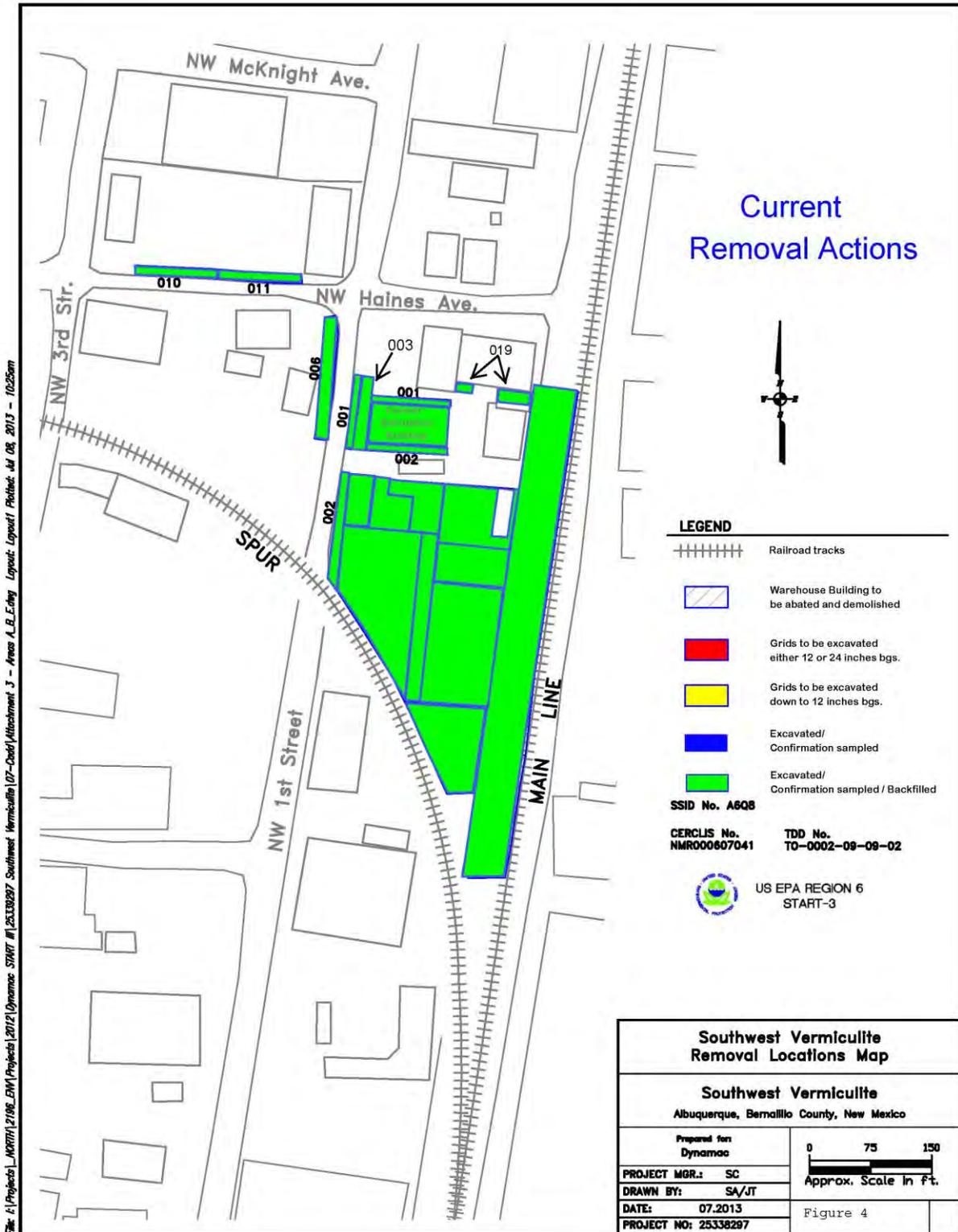


Photograph DSC01015: View looking southeast at excavated area in the central portion of Area A, Grid A following collection of the soil confirmation sample.



Photograph DSC01018: View looking southeast at remaining placement, compaction and grading of cover material in the area of the (former) soil stockpile in Area A, Grid A.

Current Removal Status Figure (Updated 1/28/14).



File: I:\Projects\NR771\2198\_ENM\Projects\2012\Dynamac\SSM\07-Cover\Attachment J - Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 - 10:25am

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report January 29, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	William Rhotenberry
START-3 Team Leader and Personnel:	John Koehnen (Noel Biscocho - 2 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	Jeffrey Reynolds (USES)
ERRS H&S Officer:	Jesse Howlett (USES)
Total Number of ERRS Personnel On-Site:	10 (2 – EQM / 8 - USES)

### **2. Removal Action, Site Conditions:**

A. Today's Weather: Low: 28°F; High: 55°F; Winds light to 4 – 6 mph from the northwest. Clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

##### **Site Progress Made:**

- a. **Site Progress Made:** Due to the limited activities conducted, START3 did not place any air samples, PDRs or a FAM-1 to monitor the activities on the W. Silver site. START3 continued with decontamination and demobilization of the air sampling and monitoring equipment as well as excess supplies and personnel protective equipment.

#### **B. ERRS Activities**

- a. **Site Progress Made:** ERRS completed placement, compaction and grading of cover material in the central portion of Area A, Grid A and select areas around the W. Silver scale trailer and east fence line. ERRS decontaminated and demobilized select heavy equipment from the site. ERRS power washed the concrete pad associated with the former exfoliation building where equipment was staged and decontaminated.

### **4. Removal Action Future Activities**

- A. **START-3:** START3 will organize, decontaminate and/or demobilize any remaining equipment and supplies from the site. START3 will participate in a site walk with W. Silver to assess the condition of the concrete pad associated with the former exfoliation building.
- B. **ERRS:** ERRS will demobilize the remaining heavy equipment. ERRS (with the OSC and START3) will conduct a site walk and meet with W. Silver personnel to view and discuss issues with the concrete pad associated with the former exfoliation building.

## **ATTACHMENTS**

Photographs: DSC01021 and DSC01022

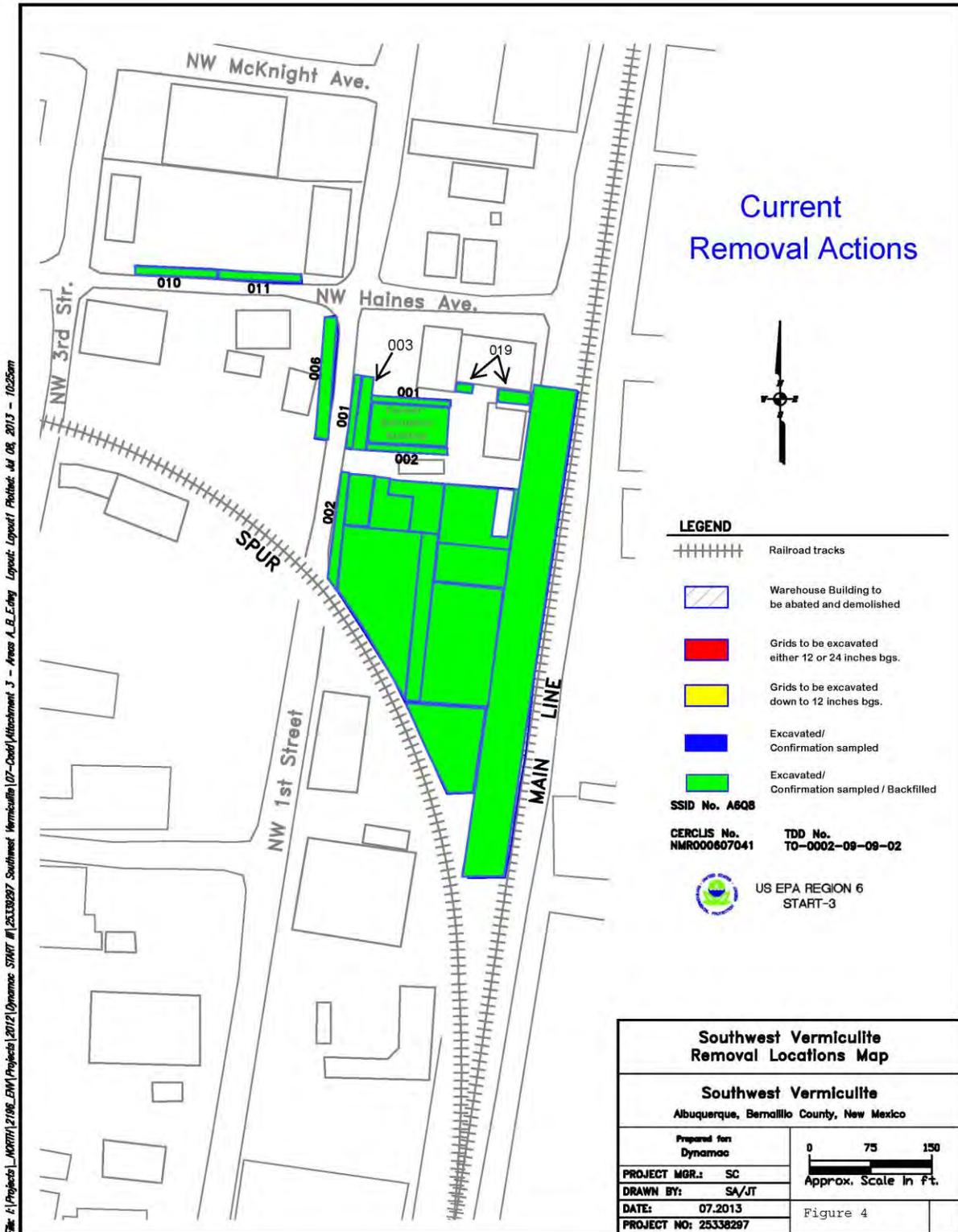


Photograph DSC01021: View looking southeast at main scrap yard area and ongoing placement of cover material in Area A, Grid A.



Photograph DSC01022: View looking south at final remaining placement, compaction and grading of cover material in the area of the (former) soil stockpile in Area A, Grid A.

Current Removal Status Figure (Updated 1/28/14).



File: I:\Projects\NR077\2198\_ENM\Projects\2012\Dynamac\SSID\07-Cover\Attachment J -- Areas A,B,C.dwg Layout: Layout1 Plotdate: Jul 08, 2013 -- 10:25am

# February 2014

## Daily Progress Reports

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report February 1 - 2, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-site)
START-3 Team Leader and Personnel:	John Koehnen (1 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA)
ERRS Foreman:	None
ERRS H&S Officer:	None
Total Number of ERRS Personnel On-Site:	None

### **2. Removal Action, Site Conditions:**

- A. Weather: Lows: 34 - 38°F; Highs: 57 - 62°F; Winds light to 4 – 6 mph from the north/northwest. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### A. START-3 Activities

##### Site Progress Made:

- a. Site Progress Made: START3 did not conduct air sampling or monitoring. START3 monitored and documented the activities of Southwest Hazard Control (SHC) for the Decontamination and Abatement activities in the W. Silver Scale trailer. START3 observed additional activity related to the placement, compaction and grading of cover material in the southeast portion Area A, Grid A due to excess water and lack of stability with heavy loads.

#### B. ERRS Activities

- a. Site Progress Made: ERRS coordinated the activities of Southwest Hazard Control (SHC) during the Decontamination and Abatement activities in the W. Silver Scale trailer. ERRS coordinated placement, compaction and grading of additional cover material in the southeast portion Area A, Grid A due to excess water and lack of stability with heavy loads resulting in rutting during unloading operations. ERRS received approval from the City of Albuquerque Air Department to waive of the 10-day advance notification period for conducting asbestos Abatement work.

### **4. Removal Action Future Activities**

- A. START-3: Due to delays in initiating the next phase of the Abatement work, START3 personnel will be off February 3 – 5, 2014, but will return on 2/6 to document the Abatement activities to be conducted by SHC in the Main W. Silver Warehouse. No air sampling or monitoring by START3 is expected. START3 will continue compilation of analytical data and Removal Report elements.
- B. ERRS: ERRS personnel will coordinate the efforts of the Abatement activities to be conducted in the Main W. Silver Warehouse by SHC. ERRS will coordinate potential additional earthwork on various areas of the W. Silver scrap yard area. Where possible, ERRS will minimize site-related activities until the next phase of the Abatement work is initiated.

## **ATTACHMENTS**

Photographs: Multiple “Before” and “After” decontamination and Abatement Photographs



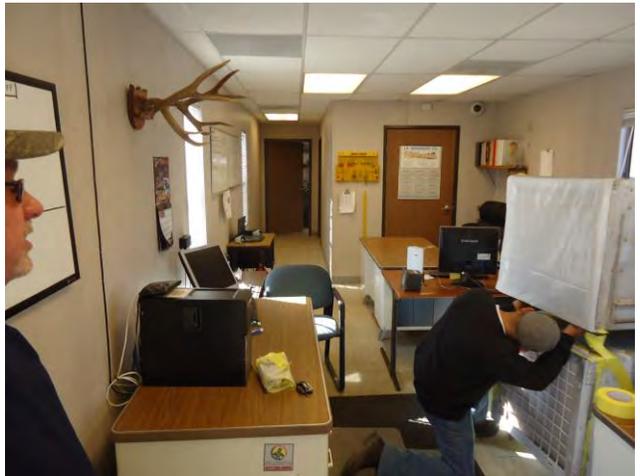
Photographs DSC01033 (Before) and DSC01058 (After): Scale trailer break room.



Photographs DSC01036 (Before) and DSC01061 (After): Scale trailer tool room.



Photographs DSC01037 (Before) and DSC01060 (After): Scale trailer bath/storage room.



Photographs DSC01035 (Before) and DSC01056 (After): Scale trailer main room.

## Southwest Vermiculite (Phase II) – Removal Action Daily Progress Report February 11 - 14, 2014

### **1. Removal Action Site Personnel:**

Work Activity:	Removal Action
Federal EPA Oversight Provided By:	Mike McAteer (Off-site)
START-3 Team Leader and Personnel:	John Koehnen (1 START)
ERRS Response Manager:	Don Edgington (Bandera, Plus 1 EQM FCA Off-site)
ERRS Foreman:	None
ERRS H&S Officer:	None
Total Number of ERRS Personnel On-Site:	None

### **2. Removal Action, Site Conditions:**

- A. Weather: Lows: 32 - 38°F; Highs: 57 - 71°F; Winds light to moderate at 6 – 10 mph mostly from the north/northwest. Mostly clear skies.

### **3. Removal Action Daily Site Activities**

#### **A. START-3 Activities**

##### **Site Progress Made:**

- a. Site Progress Made: START3 did not conduct air sampling/monitoring. START3 documented Southwest Hazard Controls (SHC) decontamination/abatement activities in the W. Silver Main Loft area above the Main Office, as well as in the eastern portion of the Main Warehouse. START continued with compilation of analytical data and Removal Report elements.

#### **B. ERRS Activities**

- a. Site Progress Made: ERRS coordinated the activities of Southwest Hazard Control (SHC) during the decontamination/abatement activities in the W. Silver Loft area above the Main Office, as well as in the eastern portion of the Main Warehouse. ERRS coordinated planning activities of Magnum Metal Buildings in preparation of the construction of the replacement building. ERRS discussed the necessary concrete work and repairs with W. Silver personnel in advance of building construction. ERRS coordinated movement and staging of W. Silver scrap to accommodate decontamination/abatement activities.

### **4. Removal Action Future Activities**

- A. START-3: START3 personnel will document the ongoing decontamination/abatement activities in the eastern portion of the Main Warehouse, as well as in the central and western portions of the Main Warehouse. No air sampling or monitoring by START3 is expected. As warranted, START3 may collect soil samples from the soil areas exposed during removal of existing concrete to allow for installation of the structural supports and concrete footers associated with the replacement building. START3 will continue compilation of analytical data and Removal Report elements.
- B. ERRS: ERRS personnel will coordinate the ongoing decontamination/abatement activities conducted in the eastern portion of the Main W. Silver Warehouse by SHC, as well as in the central and western portions of the Warehouse as initiated. ERRS will continue to coordinate the activities of Magnum Metal Buildings with regard to preparations to construct the replacement building. ERRS will coordinate the efforts of Magnum Metal Buildings and SHC to cut/remove existing concrete to allow for installation of the structural supports and concrete footers associated with the replacement building. ERRS will coordinate removal and disposal of any potentially impacted material. ERRS will coordinate demobilization of any remaining supplies or leased items (i.e., trailer, CONEX) as activities are completed.

## **ATTACHMENTS**

Photographs: DSC01108, DSC01114, DSC01124, DSC01126, DSC01128 and DSC01141



Photograph DSC01108: Close view of degraded ceiling insulation/tiles in the Main W. Silver Warehouse. Degraded areas prepped to assure adequate bonding with (Asbestos-Safe) Encasement material.



Photograph DSC01114: View of main portion of loft area above W. Silver's Main Offices in advance of Abatement/Decontamination activities.



Photograph DSC01124: View (from view port) of Decontamination/Abatement activities in the eastern portion of the Main W. Silver Warehouse.



Photograph DSC01126: View of eastern portion of Main W. Silver Warehouse following Decontamination/Abatement activities.



Photograph DSC01128: View of W. Silver loft area after Decontamination/Abatement completed and “clearance” received.



Photograph DSC01141: South view of forklift operating ON the soil in Area A, Grid A of the W. Silver scrap yard.