

May 14, 2009

TO: Members of the Los Angeles County Solid Waste Management
Committee/Integrated Waste Management Task Force

FROM: Linda Lee
Staff



**FINDING OF CONFORMANCE
SUNSHINE CANYON LANDFILL-CITY/COUNTY PROJECT**

On December 18, 2008, the Task Force granted a Finding of Conformance (FOC) to Browning-Ferris Industries of California, Inc. (BFI). Condition 18 of the FOC requires BFI to submit quarterly status report on the following:

- a. Progress of the City/County Project. [BFI submitted the status report on April 21, 2009 (see attached).]
- b. Progress of the site's landscaping activities and revegetation of the permanent slope areas. [BFI submitted the report on April 15, 2009. Due to its large volume, the report can be accessed at www.dpw.lacounty.gov/epd/tf/Attachments/AgendaItems_Attachments/SCL_Status_Report_2009.pdf. A hardcopy is available upon request.]

If you have any questions, please contact me at (626) 458-6973, Monday through Thursday, 7 a.m. to 5:30 p.m.

Attach.

April 21, 2009

Ms. Gail Farber
Director - County of Los Angeles Public Works
Integrated Waste Management Task Force
P.O. Box 1460, 900 South Fremont Street
Alhambra, CA 91802-1460

Re: BFI Sunshine Canyon Landfill Status Report

Dear Ms. Farber,

Please find the second quarterly status report for the period of January through March 2009 as requested in a Department of Public Works [Findings of Conformance-Sunshine Canyon Landfill City/County Project staff report] from Martin Aiyetiwa—items 15 & 18, dated December 18, 2008.

A. Progress of City/County Project:

As of mid-January 2009, all sign-offs required by the City and County of Los Angeles were obtained and a joint City/County Landfill project began operating. Since then, the only physical changes at the site have been:

- 1 Only one working face—City LF closed for most of the first quarter and is advantageous because the operation has had fewer operating hours for heavy equipment, resulting in fewer emissions
2. Increased volume waste acceptance averaging between 9,000 & 10,000 TPD (M-F) beginning March 30th, because of the merger between Republic Services & Allied Waste in December 2008*
- 3 The site is permitted to accept 12, 100 TPD maximum daily capacity (M-F)

*As a result of the Allied-Republic merger, there was no change in ownership to Sunshine Canyon Landfill (see enclosed Water Board & LEA letters)

B. Progress of the site's landscaping activities and RE-vegetation of the permanent slope areas:

We have included in this report an electronic CD copy of our "Quarterly Vegetation Project Status Report—First Quarter 2009." This report outlines the vegetation activities for the 1st quarter of 2009 and the activities expected to take place in the 2nd quarter 2009.

Hard copies of the vegetation report has also been provided and mailed to the following individuals and departments as of April 15, 2009:

Mr. Martin Aiyetiwa-County of Los Angeles Department of Public Works
Dr. Wayne Aller-LA County Community Advisory Committee
Mr. Stefan Klemm-C2Rem
Mr. Ralph Kroy-City of Los Angeles Community Advisory Committee
Ms. Ly Lam-City of Los Angeles Department of Planning
Mr. Wayne Tsuda-SCL-LEA
Dr. Wen Yang-LA Regional Water Quality Control Board

If you have any questions regarding this status report, feel free to contact me at 818-833-6503

Sincerely,

A handwritten signature in purple ink, appearing to read 'Rafael Garcia', is written over a horizontal line.

Rafael Garcia
Community Relations Manager

Encl. (Q 2-09 Re-Vegetation CD)

Cc: (Cover letter only)

Martin Aiyetiwa, County DPW
Sorin Alexanian, County Planning
Tom Bruen, Esq.
Greg Loughnane, Republic Services
Larry Hafetz, County Counsel
Susan Jennings, Republic Services
Burt Kumagawa, County CEO's Office
Linda Lee, County DPW
Greg Loughnane, Republic Services
Maria Masis, County Planning
Carlos Ruiz, County DPW
Lari Sheehan, County CEO's Office
Gerry Villalobos, County DPH



October 7, 2008

Ms. Tracy Egoscue
Regional Water Quality Control Board
320 West 4th Street, Suite 200
Los Angeles, CA 90013

RE: Merger of Republic Services, Inc. and Allied Waste Industries, Inc.
*Facilities: Azusa Land Reclamation Landfill; Sunshine City/County Canyon
Landfill; AWS of Sun Valley (BFI Sun Valley)*

Dear Ms. Egoscue:

This letter is to update you and provide information on the pending merger between Republic Services, Inc. ("Republic") and Allied Waste Industries, Inc. ("Allied"). After the merger is completed, Allied will be a wholly-owned subsidiary entity of Republic.

The merger is currently scheduled to close prior to the end of calendar year 2008, pending necessary shareholder, governmental and other approvals.

The merger will not result in any change in the ownership or management, nor in any sale, lease, mortgage, assignment or other transfer of our permit(s) or of any other assets, except as may be required by governmental authorities for completion of the merger. After the merger is approved, Republic and Allied facilities will continue to be held by Allied and Republic subsidiaries as is currently the case and these entities will continue to comply with their respective Solid Waste Facilities Permit requirements and other applicable permits.

As such there will be no change in the Owner or Operator of our facility resulting from the merger. We are not aware of any provisions of our Solid Waste Facilities Permit or of state law that would require that we process any change of ownership information for our facility. However, if you are aware of any such requirement please direct our attention to it as soon as possible so that we can take whatever action may be necessary to comply with our responsibilities.

If you have any questions or would like any additional information concerning the contemplated Allied-Republic merger, please do not hesitate to contact me.

Very truly yours,

Jeff D. Andrews
Senior Vice President, Western Operations



October 7, 2008

Mr. Wayne Tsuda
Sunshine Canyon Landfill Local Enforcement Agency
200 North Spring Street
Room 1905, Mail Stop 248
Los Angeles, CA 90012

RE: Merger of Republic Services, Inc. and Allied Waste Industries, Inc.
Facility: Sunshine Canyon Landfill

Dear Mr. Tsuda:

This letter is to update you and provide information on the pending merger between Republic Services, Inc. ("Republic") and Allied Waste Industries, Inc. ("Allied"). After the merger is completed, Allied will be a wholly-owned subsidiary entity of Republic.

The merger is currently scheduled to close prior to the end of calendar year 2008, pending necessary shareholder, governmental and other approvals.

The merger will not result in any change in the ownership or management, nor in any sale, lease, mortgage, assignment or other transfer of our permit(s) or of any other assets, except as may be required by governmental authorities for completion of the merger. After the merger is approved, Republic and Allied facilities will continue to be held by Allied and Republic subsidiaries as is currently the case and these entities will continue to comply with their respective Solid Waste Facilities Permit requirements and other applicable permits.

As such there will be no change in the Owner or Operator of our facility resulting from the merger. We are not aware of any provisions of our Solid Waste Facilities Permit or of state law that would require that we process any change of ownership information for our facility. However, if you are aware of any such requirement please direct our attention to it as soon as possible so that we can take whatever action may be necessary to comply with our responsibilities.

If you have any questions or would like any additional information concerning the contemplated Allied-Republic merger, please do not hesitate to contact me.

Very truly yours,

Jeff D. Andrews
Senior Vice President, Western Operations



April 15, 2009

To:

SCL-LEA –Wayne Tsuda
County Department of Public Works – Martin Aiyetiwa
City of Los Angeles Planning Department – Ly Lam
Regional Water Quality Control Board – Dr. Wen Yang
City Community Advisory Committee – Ralph Kroy
County Community Advisory Committee – Wayne Aller
C2Rem – Stefan Klemm

Subject: Transmittal of 1st Quarter 2009 Quarterly Vegetation Report, Sunshine Canyon Landfill

Sunshine Canyon Landfill is pleased to provide the attached quarterly report on vegetation activities occurring in both the City of Los Angeles and County of Los Angeles portion of the landfill. The report summarizes revegetation projects undertaken in the first quarter of 2009 and projects anticipated to be active in the second quarter 2009.

We are providing this report for your information. If you do not wish to receive the report in the future, please contact us and we will remove you from the distribution list. Feel free to contact me with any questions.

Sincerely,


Susan Jennings
Environmental Manager



Quarterly
Vegetation
Project Status Report
1st Quarter 2009

SUNSHINE CANYON LANDFILL
14747 San Fernando Road
Sylmar, California 91342
General Information: (818) 833-6500
www.SunshineCanyonLandfill.com
24 hour hotline: (800) 926-0607

SUNSHINE CANYON *Landfill*



Sunshine Canyon Landfill

Quarterly Vegetation Project Status Report

First Quarter 2009

Revised 4/13/09

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Appendix B: Map of Vegetation Projects Planned for Next Quarter
Appendix C: Monitoring Reports
Appendix D: Photographs and Installation Documentation

1.0 Introduction and Executive Summary

In order to keep regulatory agencies and other interested parties advised of Sunshine Canyon Landfill's (SCL's) ongoing vegetation projects, SCL has prepared this summary report.

Though operated as one contiguous landfill, SCL has two land use permits, one from the County of Los Angeles' jurisdiction, and one from the City of Los Angeles' jurisdiction. This report is divided accordingly due to different regulatory agencies and requirements for each area.

Typically the planting projects covered by this report fall into one of three categories: Sage, Final Landfill Cover, or Interim Planting. Sage planting is typically done on slopes that are at grade and may or may not be part of designated mitigation areas. Final Landfill Cover planting applies to slopes that area at final grade that are not designated a sage mitigation area. Interim planting treatments are primarily for short term dust and erosion control and are used on to slopes that will not be disturbed for 180 days or more, but that ultimately will be disturbed.

SCL is committed to taking the best approach possible to its planting projects. In the fall of 2007, SCL interviewed multiple potential expert consultants to assist with vegetation specifications. After an extensive review process, The Chambers Group Inc. (Chambers) was retained for their technical expertise and restoration experience. To date, Chambers has prepared detailed master plans for sage and interim planting. The document "Coastal Sage Scrub and Interim Cover Revegetation Plan for Sunshine Canyon County Landfill" (Chambers, 1/08) is available upon request.

The SCL does additional work with tree planting both on and offsite. This work is described in separate reports and will not be addressed in this document.

This report is designed to outline which planting projects were completed in the past quarter (Section 2.0) and which are planned for the upcoming quarter (Section 3.0.) Monitoring reports, where applicable, are discussed in Section 4.0.

1.1 Active Installations, 1st Quarter 2009

For the 1st Quarter 2009, the following vegetation projects were being implemented:

County side:

- Phase V and Flare Road area
- BFI Interim Projects

City side:

- City Upper Deck Sage
- BFI Interim Projects

These projects are shown on the map in Appendix A. Photos of various current and past project areas are included in Appendix D.

1.2 Projected Installations, 2nd Quarter 2009

In the 2nd quarter of 2009, the following projects are expected to be active:

County side:

- BFI Interim Projects

City side:

- City Phase VB Cut Slope Stabilization

There are no interim projects planned for the City side in this quarter due to active construction of new cell areas. All existing, inactive interim slopes have now had vegetation treatments.

Note that construction, contractor delays or rainfall conditions may dictate a change in projected planting schedules at any time. Landfill operational demands may also alter the work areas. A map of the planned project areas for the upcoming quarter is provided in Appendix B.

1.3 Vegetation Projects Being Formally Monitored

Some mitigation areas include provisions for monitoring by the restoration specialists. The projects currently being monitored include the following:

County Side:

- Sage Hill

City Side:

- City Upper Deck Sage

Monitoring reports for the areas being monitored are included in Appendix C.

2.0 Work Installed in Immediate Past Quarter

All work installed in the immediate past quarter is shown on the map in Appendix A.

2.1 County

2.1.1 Phase V and Flare Road

A vegetation plan for the Phase V and Flare Road area was developed by Chambers. The plan was submitted with the 3rd Quarter 2008 vegetation report. Though the area is not formally set aside as a sage mitigation area, the seed treatment for these slopes is identical to that of the sage mitigation areas. The primary difference in this area is a focus on physical erosion control treatments due to slope steepness.

Initial work had begun in the 4th Quarter of 2008. On the steepest slopes a sage seed mix was installed under a fiber blanket. On more moderate slopes, soil amendments and straw wattles were installed, but due to rains and holiday shutdowns the seeding in this area was not completed in the 4th quarter. The final seeding and project closeout occurred in January 2009. A closeout report and additional photos are included in Appendix D. The Phase V area is shown as Area V on the map in Appendix A.

2.1.2 County Scale Approach Road

Slopes were treated per Chamber's Plan (1/08) in January 2009. This area is shown as Area C on the map in Appendix A. Photos from Area C are included in Appendix D.

2.2 City

2.2.1 City Upper Deck Sage

The City Upper Deck Sage area is shown as Area W on the map in Appendix A. The area was planted per the hydroseeding specifications for sage as outlined in "Coastal Sage Scrub and Interim Cover Revegetation Plan for Sunshine Canyon County Landfill" (Chambers, 1/08). An area specific supplement detailing the planting plans was developed by Chambers (City South Side Cap Area Revegetation Plan for Sunshine Canyon Landfill, 7/8/08). The supplement was provided in the quarterly report for 2nd Quarter 2008.

Site preparation began in September 2008. Initial steps consisted of amendment application, weed crushing, and application of a tackifier/mulch layer for stabilization. This work was completed by the end of October. The area received several cycles of rainfall and at the end of 2008 the expected weed regrowth was visible.

In the first quarter of 2009, weed abatement was done and the sage seed mix and final compost/tackifier layer were applied. A closeout report is included in Appendix D.

2.2.2 City Interim Slopes by BFI

Areas A and B on the map in Appendix A reflect additional interim slopes that were treated by BFI staff during the January and February 2009. Area A slopes were treated with amendments from Chamber's Plan (1/08), the historic seed mix shown below, and the compost/tackifier mix from Chamber's Plan (1/08). Area B was treated the same except the newer seed mix from Chamber's Plan was used. Photos are included in Appendix D.

Sunshine Canyon Landfill

Quarterly Vegetation Report

First Quarter 2009

Historical Seed Mix:

Species	PLS lb/acre
Bromus Carinatus Cucamonga	20
Hordeum Californicum	30
Avena Fatua	30
Total	80

3.0 Work Planned for Upcoming Quarter

Weather, contractor schedules, and landfill operational requirements may cause variations in the schedule or areas planted. A map showing where vegetation work is planned for the upcoming quarter is provided in Appendix B.

3.1 County

3.1.1 BFI Interim Projects

This area is shown as Area A, B, and C on the map in Appendix B. BFI is testing the effectiveness of a new greenwaste source as an alternative to the top compost/tackifier layer specified by Chamber's for the interim slopes. The greenwaste is more yard-waste based than the previous wood chips that were used. It is believed to be a good candidate to add nutrients while protecting the seeds underneath from birds. Area C will be treated with just ground greenwaste (which, by nature, has plant seeds in it.) Area A will be amendments and seed mix as specified by Chambers, covered with greenwaste. Area B is an area that was previously amended and seeded but did not experience any growth, so it will be reseeded and treated with greenwaste as well. Photos from the greenwaste test area taken in April 2009 are included in Appendix D.

3.2 City

3.2.1 City Phase VB Cut Slope Stabilization

Cut slopes shown as Area D on the map in Appendix B will be completed and require stabilization. Due to the slope size, it is expected that a treatment similar to the Phase V and Flare Road project will be used. Either jute mat or straw wattles will likely be provided in addition to a sage seed mix. This area will be done by outside contractors. The project was bid in first quarter 2009, but due to the difficult access, the project is very expensive and alternate bids will be sought in the second quarter of 2009. Installation will begin in the second quarter.

4.0 Status Reports on Vegetated Areas Being Monitored

4.1 County

4.1.1 Sage Hill

Per Chambers specifications, the Sage Hill test plot is being formally monitored. The monitoring frequency has now changed from monthly to quarterly as per the planting plan. The area is being monitored by Chambers Group staff, and their written notes are provided in Appendix C.

4.2 City

4.2.1 City Upper Deck Sage




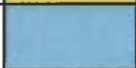
Now that installation work is complete, the City Upper Deck sage is in its initial bi-weekly monitoring phase. The area is being monitored by Chambers Group staff, and their written notes are provided in Appendix C.

Sunshine Canyon Landfill

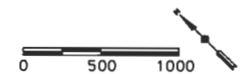
Quarterly Vegetation Report
First Quarter 2009

Appendix A

Projects underway or complete 1st Quarter 2009

Area	Color Code	Installed By	Details	Status
A		BFI	Interim Slopes. Three pass hydroseeding per Chamber's Plan, except that historical seed mix was used.	Completed January 2009.
B, C		BFI	Interim Slopes. Three pass hydroseeding per Chamber's Plan.	Completed January-February 2009.
W		Landscape Development	Final slopes. Sage mitigation to be installed per Chambers plan and monitored on an ongoing basis.	Completed March 2009
V		Landscape Development	Final slopes. Installation per Chamber's Plan for Phase V area..	Completed January 2009.

All areas on maps are approximate. Future projections depend on operational patterns and weather conditions and may vary.



Sunshine Canyon Landfill

Quarterly Vegetation Report
First Quarter 2009

Appendix B

Projects expected to be starting or underway 2nd Quarter 2009

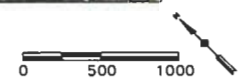
Area	Color Code	To be Installed by	Details	Status
A		BFI	Interim Slopes. Two pass hydroseeding per Chamber's Plan, followed by greenwaste layer.	Pending operations and weather conditions.
B		BFI	Interim Slopes. Seed mix per Chamber's Plan, followed by greenwaste layer. This area was previously amended and seeded but has not grown.	Pending operations and weather conditions.
C		BFI	Interim Slopes. Test area covered with shredded greenwaste (which includes seeds from residential yard waste.)	Pending operations and weather conditions.
D		Contractor	Final cut slopes to be stabilized and seeded similar to Phase V area.	Develop scope of work and hire installation contractor in 2nd Quarter. Time permitting, begin installation.

All areas on maps are approximate. Future projections depend on operational patterns and weather conditions and may vary.



Vegetation projects
planned to be
active in 2nd
quarter 2009

All areas are
approximate and
may change due to
operational or
weather conditions.



Sunshine Canyon Landfill

Quarterly Vegetation Report
First Quarter 2009

Appendix C



Chambers Group Inc.
17671 Cowan Avenue, Suite 100
Irvine, California 92614
(949) 261-5414, Fax (949) 261-8950

PROGRESS REPORT
for the Sunshine Canyon Landfill Mitigation Sites

Prepared by Chambers Group
on behalf of Browning-Ferris Industries and Compliance Plus.
Date: January 17, 2009 Completed by: Gerhard Bombe

Inspection Date: January 17, 2009
Inspected by: Gerhard Bombe

Original to: Maria Gutzeit and Dave Hauser
Copies to: Steven Reinoehl and Ted St. John

STATUS OF HYDROSEEDING

CONDITIONS:

- ☒ Fully covered
☐ Medium covered
☐ Barely covered

COMMENTS: Significant rainfall events occurred prior to this inspection in early January 2009. As a result of the increased soil moisture, seeds germinated and isolated patches of these newly germinated seedlings were observed throughout the site. However, the rain did not appear to have a dramatic effect on new seed germination in the hydroseeded area.

SEED MIX

CONDITIONS:

- ☐ Dense cover of plants from seedlings
☐ Moderate cover of plants from seedlings
☒ Sparse cover of plants from seedlings
☐ No germination yet

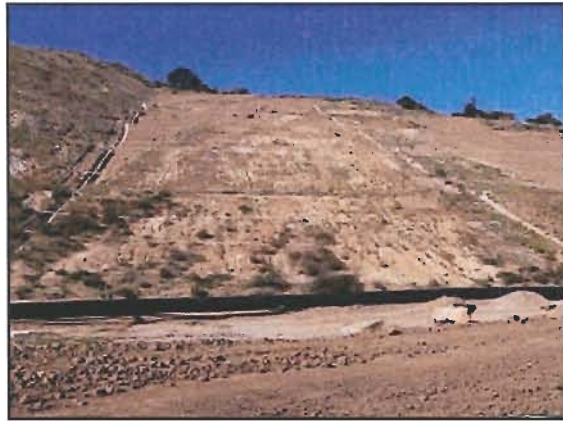
- ☐ Dense cover of native plants from seed mix
☐ Moderate cover of native plants from seed mix
☒ Sparse cover of native plants from seed mix
☐ No cover of native plants from seed mix

COMMENTS: A few native seedlings were observed in the areas characterized by "poor" soils. It may be too early, however, to detect any new germination in large quantities from species in the seed mix.

CONTAINER PLANTS			
PLANT HEALTH ISSUES: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> <div> Stunted growth Mechanical damage Disease/pests Substantial dieback/mortality Excessive herbivory </div> </div>		HEIGHT: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> </div> <div> 0" – 12" 12" – 24" 24" + </div> </div>	
COMMENTS: There were no significant changes in container plant health since the December 2008 site visit. Container plants that have survived to this point are doing very well. The laurel sumac (<i>Malosma laurina</i>) plants appear healthy as was evident by the presence of extensive lateral branching and new growth. Native grasses such as purple needlegrass (<i>Nasella pulchra</i>), are showing new signs of vigor as well (i.e., greening foliage). The orange bush monkey-flower (<i>Mimulus aurantiacus</i>) plants were observed in bloom, which is also an indicator of healthy status.			
OVERALL NATIVE PLANT CONDITIONS			
PLANT COVER: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> </div> <div> Dense Moderate Minimal </div> </div>	PLANT HEALTH ISSUES <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> <div> Disease/pests Plant stress Excessive herbivory </div> </div>	HEIGHT <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> </div> <div> 0" – 12" 12" – 24" 24" + </div> </div>	SPECIES RICHNESS <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div> <div> Low Medium High </div> </div>
COMMENTS: There have been no noticeable changes from the December 2008 site visit. The overall conditions of native plants range from excellent germination and growth in the areas characterized by "good" soils, to very little germination and stunted growth in the areas characterized by "poor" soils. A few plants are establishing in erosion rills, which suggests that with sufficient leaching in other areas, germination may occur.			
WEED CONDITIONS			
CONDITIONS: <div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> </div> <div> Dense weed coverage Moderate weed coverage (seedlings in high density) Minimal weed coverage </div> </div>		<div style="display: flex; align-items: flex-start;"> <div style="margin-right: 10px;"> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> </div> <div> Weeds flowering Weeds setting seed </div> </div>	
COMMENTS: Repeat comment from the December 2008 report: A new crop of black mustard (<i>Brassica nigra</i>) seedlings is becoming evident in the "good" soil areas. New Russian thistle (or tumbleweed, <i>Salsola tragus</i>) re-growth is also apparent, and a subsequent round of weed control to focus on Russian thistle and black mustard is recommended. A few Mediterranean tamarisk (<i>Tamarix ramosissima</i>) plants were observed in the drainages. This species should also be removed as it is quite invasive, and its seeds, which have already dispersed by now, should not be allowed to spread into other native habitat areas on the landfill property.			

IRRIGATION SYSTEM	
REPAIRS NEEDED: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Over-irrigation <input type="checkbox"/> Under-irrigation (last 2-3 weeks) <input type="checkbox"/> Inoperative head </div> <div style="width: 45%;"> <input type="checkbox"/> Inoperative controller <input type="checkbox"/> Leaking components <input checked="" type="checkbox"/> Damaged components </div> </div>	WAYPOINTS:
<p>COMMENTS: The irrigation system was not working during the inspection, although the pump was running at the beginning and end of the site visit. As long as there are rain events occurring with some regularity during the next few months, the irrigation should be kept turned off. If a drought condition should arise during the rainy season in which no rain occurs for a 7- to 10-day period, then the irrigation should be turned back on. The irrigation system should be then kept on until the next rain event occurs, at which time the system may be turned off again. Individual sprinkler heads in areas where germination rates are high (and where soils are characterized as "good" soils), should be turned off to prevent overwatering of the native plant species. Areas characterized by "poor" soils should continue to receive irrigation.</p> <p>The air vent at the top end of the irrigation system was broken, and the valve underneath the vent was closed.</p>	
MISCELLANEOUS	
CONDITIONS: <input type="checkbox"/> Trash <input type="checkbox"/> Vandalism <input checked="" type="checkbox"/> Erosion	
<p>COMMENTS: The rainy season is upon us! Repeat comments from previous site visits (December, November 2008): [It was noted that] the northern V-ditch was blocked with soil and vegetation. It is highly recommend that the V-ditch be cleared, to avoid erosion caused by water spilling over the V-ditch sides. Repeat comment from the December 2008 site visit: Several benches showed evidence of erosion where the water goes over the side of the ditch. This can easily be repaired by building up the edge of the bench with soil, thus creating a new berm and re-directing the water flow back into the bench rather than over the edge. Similar situations appear in other areas of the site and on other benches. [As was mentioned in the November 2008 report] prior to the rainy season a good flow line needs to be re-established on all the benches to prevent future erosion problems.</p> <p>These comments were not addressed prior to the rainy season and as a result, severe erosion is quite evident after the recent January rainfall. Erosion is occurring where water is not reaching the concrete V-ditches, but is instead flowing over the edges of the benches. See attached photographs.</p> <p>Despite receiving large amounts of moisture during the recent rains, the areas characterized by "poor" soils were very dry and powdery at the time of the site visit. This indicates rainfall is not penetrating the soil surface.</p>	

Sunshine Canyon Landfill Photos, January 2009



There have been no obvious changes in the vegetation coverage, even after significant rain events in early January.



There was evidence of recent germination of California sagebrush (*Artemisia californica*) seedlings.



Individual irrigation heads should be turned off permanently in areas where good native seed growth is occurring (until signs of drought stress become noticeable).



California sagebrush and California buckwheat (*Eriogonum fasciculatum*) seedlings shown emerging in the "poor" soil area, lower left in photo. It is presumed that the soil in this area has been leached enough to allow for plant growth.

Sunshine Canyon Landfill Photos, January 2009



Several California sagebrush and California buckwheat seedlings were observed in the "poor" soil area.



A few annual, weedy grasses are also beginning to establish in the "poor" soils.



Continuing erosion was observed adjacent to the concrete V-ditches.



The pump was running during the site visit, but no irrigation was observed on the slope.



Chambers Group Inc.

17671 Cowan Avenue, Suite 100
Irvine, California 92614
(949) 261-5414, Fax (949) 261-8950

PROGRESS REPORT
for the Sunshine Canyon Landfill Mitigation Sites

*Prepared by Chambers Group
on behalf of Browning-Ferris Industries and Compliance Plus.*

Date: February 23, 2009

Completed by: Gerhard Bombe

Inspection Date: February 21, 2009

Inspected by: Gerhard Bombe

Original to: Maria Gutzeit, Dave Hauser

Copies to: Steven Reinoehl, Gerhard Bombe, Ted St. John

STATUS OF HYDROSEEDING

CONDITIONS:

- ☒ Fully covered
☐ Medium covered
☐ Barely covered

COMMENTS:

In several patches of the "good" soil areas, new sage and buckwheat seedlings were observed to be germinating.

SEED MIX

CONDITIONS:

- ☐ Dense cover of plants from seedlings
☐ Moderate cover of plants from seedlings
☒ Sparse cover of plants from seedlings
☐ No germination yet

- ☐ Dense cover of native plants from seed mix
☐ Moderate cover of native plants from seed mix
☒ Sparse cover of native plants from seed mix
☐ No cover of native plants from seed mix

COMMENTS:

No significant increase in seed germination was observed. It was noted, however, that some sage seedlings are already in flower and will be contributing their seeds to the site.

CONTAINER PLANTS			
PLANT HEALTH ISSUES: <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> Stunted growth</div> <div><input type="checkbox"/> Mechanical damage</div> <div><input type="checkbox"/> Disease/pests</div> <div><input checked="" type="checkbox"/> Substantial dieback/mortality</div> <div><input checked="" type="checkbox"/> Excessive herbivory</div> </div>		HEIGHT: <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> 0" – 12"</div> <div><input checked="" type="checkbox"/> 12" – 24"</div> <div><input type="checkbox"/> 24" +</div> </div>	
COMMENTS: No significant changes in container plant health have occurred since the January 2009 site visit. Good new growth is evident on surviving container plants.			
OVERALL NATIVE PLANT CONDITIONS			
PLANT COVER: <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> Dense</div> <div><input type="checkbox"/> Moderate</div> <div><input checked="" type="checkbox"/> Minimal</div> </div>	PLANT HEALTH ISSUES <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> Disease/pests</div> <div><input checked="" type="checkbox"/> Plant stress</div> <div><input checked="" type="checkbox"/> Excessive herbivory</div> </div>	HEIGHT <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> 0" – 12"</div> <div><input checked="" type="checkbox"/> 12" – 24"</div> <div><input type="checkbox"/> 24" +</div> </div>	SPECIES RICHNESS <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> Low</div> <div><input type="checkbox"/> Medium</div> <div><input type="checkbox"/> High</div> </div>
COMMENTS: No noticeable changes have occurred since the December 2008 site visit. The overall conditions of native plants range from excellent germination and growth in the areas characterized by "good" soils, to very little germination and stunted growth in the areas characterized by "poor" soils. A few plants are establishing in erosion rills, which suggests that with sufficient leaching in other areas, germination may occur..			
WEED CONDITIONS			
CONDITIONS: <div style="display: flex; flex-direction: column; gap: 5px;"> <div><input type="checkbox"/> Dense weed coverage</div> <div><input type="checkbox"/> Moderate weed coverage (seedlings in high density)</div> <div><input checked="" type="checkbox"/> Minimal weed coverage</div> </div>		<div style="display: flex; flex-direction: column; gap: 5px;"> <div><input checked="" type="checkbox"/> Weeds flowering</div> <div><input checked="" type="checkbox"/> Weeds setting seed</div> </div>	
COMMENTS: Repeat comment from the last report: A new crop of mustard seedlings is becoming evident in the "good" soil areas. New tumbleweed regrowth is also apparent, and a new round of tumbleweed and mustard control efforts is recommended. A few salt cedar (<i>Tamarix ramosissima</i>) plants were noted in the drainages. This plant should also be removed, as it is quite invasive, and its seeds, which have been dispersed by now, should not be allowed to spread into other native habitat areas around the landfill.			

IRRIGATION SYSTEM		
REPAIRS NEEDED: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Over-irrigation <input type="checkbox"/> Under-irrigation (last 2-3 weeks) <input type="checkbox"/> Inoperative head </div> <div style="width: 45%;"> <input type="checkbox"/> Inoperative controller <input checked="" type="checkbox"/> Leaking components <input type="checkbox"/> Damaged components </div> </div>	WAYPOINTS: 	
COMMENTS: <p>The irrigation system was not working while during this site visit. Two irrigation heads on the lateral closest to the concrete channel were found to be leaking. Irrigation heads in areas with good growth and seedling germination should be shut off to prevent overwatering. Overwatering, when the soil remains continually saturated and the roots do not receive oxygen, will lead to plant death.</p>		
MISCELLANEOUS		
CONDITIONS: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Trash <input type="checkbox"/> Vandalism <input checked="" type="checkbox"/> Erosion </div> </div>		
COMMENTS: <p>Repeat comments from last (several) visits: It was noted that the northern V-ditch was blocked with soil and vegetation. It is highly recommend that the V-ditch be cleared to avoid erosion as a result of water spilling over the V-ditch sides.</p> <p>Repeat comment from last visit: Several benches show evidence of erosion, where the water goes over the side. This can easily be repaired by building up the edge of the bench (creating a new little berm) with onsite soil and re-directing the water flow back into the bench, instead of letting it run over the edge. Similar situations appear in other portions of the site on other benches. Prior to the rainy season, a good flow line needs to be re-established on all the benches to prevent future erosion problems.</p> <p>Erosion is quite evident after this last rain event, where the water is not reaching the concrete V-ditch, and instead is flowing over the edge of the bench, causing severe erosion. See photos attached.</p> <p>Even after receiving large amounts of moisture during the recent rains, the areas characterized by "poor" soils onsite were still very dry and powdery. This indicates rainfall is still not penetrating the soil surface. Incorporating a surfactant into the soil is recommended.</p>		

Sunshine Landfill
February 21, 2009, Site Visit Photos



Vegetation coverage is increasing in the soils characterized as "good".



Vegetation coverage in the soils characterized as "poor" is still poor. (Note leaky irrigation head.)



Small patches of new germination are occurring in the "good" soils.



Site coverage will improve as these young plants continue to grow and mature.

Sunshine Landfill
February 21, 2009, Site Visit Photos



In some patches of the site, the seedling density is quite high.




Browning foliage is indicative of overwatering. Individual irrigation heads may have to be turned off to prevent overwatering.



Encouraging sign: sage seedling newly sprouting in an old container plant pit.



"Poor" soil is still very dry and powdery, even after numerous rain events.

 Chambers Group Inc. 17671 Cowan Avenue, Suite 100 Irvine, California 92614 (949) 261-5414, Fax (949) 261-8950		PROGRESS REPORT for the Sunshine Canyon Landfill Mitigation Sites City Side Mitigation Area <i>Prepared by Chambers Group</i> <i>on behalf of Browning-Ferris Industries and Compliance Plus.</i> Date: March 23, 2009 Completed by: Kun Liu	
Inspection Date: March 17, 2009 Inspected by: Kun Liu		Original to: Maria Gutzelt, Dave Hauser Copies to: Tiffany Leo, Gerhard Bombe, Ted St. John	
STATUS OF HYDROSEEDING			
CONDITIONS: <input checked="" type="checkbox"/> Fully covered <input type="checkbox"/> Medium covered <input type="checkbox"/> Barely covered		COMMENTS: The hydroseeding has been completed. The hillside and the top deck were fully covered.	
SEED MIX			
CONDITIONS: <input type="checkbox"/> Dense cover of plants from seedlings <input type="checkbox"/> Moderate cover of plants from seedlings <input type="checkbox"/> Sparse cover of plants from seedlings <input checked="" type="checkbox"/> No germination yet		<input type="checkbox"/> Dense cover of native plants from seed mix <input type="checkbox"/> Moderate cover of native plants from seed mix <input type="checkbox"/> Sparse cover of native plants from seed mix <input checked="" type="checkbox"/> No cover of native plants from seed mix	
COMMENTS: Germination from the seed mix was barely evident at the time of the survey. The seedlings were too small to recognize the species. Some seedlings looked like coast goldenbush (<i>Isocoma menziesii</i>).			

OVERALL NATIVE PLANT CONDITIONS			
PLANT COVER: <input type="checkbox"/> Dense <input checked="" type="checkbox"/> Moderate <input checked="" type="checkbox"/> Minimal	PLANT HEALTH ISSUES <input type="checkbox"/> Disease/pests <input type="checkbox"/> Plant stress <input type="checkbox"/> Excessive herbivory	HEIGHT <input type="checkbox"/> 0" – 12" <input checked="" type="checkbox"/> 12" – 24" <input type="checkbox"/> 24" +	SPECIES RICHNESS <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
COMMENTS: Lots of existing natives such as California sagebrush (<i>Artemisia californica</i>) and California bush sunflower (<i>Encelia californica</i>) were observed both on the hillside and on the top deck, which provided moderate cover of native plants.			
WEED CONDITIONS			
CONDITIONS: <input type="checkbox"/> Dense weed coverage <input type="checkbox"/> Moderate weed coverage (seedlings in high density) <input checked="" type="checkbox"/> Minimal weed coverage		<input checked="" type="checkbox"/> Weeds germinating <input type="checkbox"/> Weeds flowering <input type="checkbox"/> Weeds setting seed	
COMMENTS: Australian saltbush (<i>Atriplex semibaccata</i>) was observed close to the road. Most annual grasses have been controlled. Several small patches of exotic grasses are growing on the restoration site. Seedlings of lamb's quarters (<i>Chenopodium album</i>), short-pod mustard (<i>Hirschfeldia incana</i>), and sweetclover (<i>Melilotus</i> sp.), were observed along with the annual grasses.			
MISCELLANEOUS			
CONDITIONS: <input type="checkbox"/> Trash <input type="checkbox"/> Vandalism <input type="checkbox"/> Erosion			
COMMENTS: No erosion was observed. No vandalism and minimal trash were observed on site. A plastic bag was left on a hillside.			

Sunshine Landfill
March 19, 2009, Site Visit Photos

City Side



Overview of City Side plantings.



City Side slope facing the landfill operation



Close-up of hydroseeding



Seedlings of coast goldenbush (*Isocoma menziesii*).



Existing California sagebrush (*Artemisia californica*)



Overview of the top-deck



Seedlings of lamb's quarters (*Chenopodium album*) and exotic grasses .



Uncontrolled annual grasses

**Chambers Group Inc.**

17671 Cowan Avenue, Suite 100
Irvine, California 92614
(949) 261-5414, Fax (949) 261-8950

**PROGRESS REPORT
for the Sunshine Canyon Landfill Mitigation Sites
City Side Mitigation Area**

**Prepared by Chambers Group
on behalf of Browning-Ferris Industries and Compliance Plus.**

Date: April 6, 2009

Completed by: Kun Liu

Inspection Date: April 4, 2009

Inspected by: Kun Liu

Original to: Maria Gutzeit, Dave Hauser

Copies to: Tiffany Leo, Ted St. John

STATUS OF HYDROSEEDING**CONDITIONS:**

- ☒ Fully covered
- ☐ Medium covered
- ☐ Barely covered

COMMENTS:

The hydroseeding has been completed. The hillside and the top deck were fully covered.

SEED MIX**CONDITIONS:**

- | | |
|---|---|
| <input type="checkbox"/> Dense cover of plants from seedlings | <input type="checkbox"/> Dense cover of native plants from seed mix |
| <input type="checkbox"/> Moderate cover of plants from seedlings | <input type="checkbox"/> Moderate cover of native plants from seed mix |
| <input checked="" type="checkbox"/> Sparse cover of plants from seedlings | <input checked="" type="checkbox"/> Sparse cover of native plants from seed mix |
| <input type="checkbox"/> No germination yet | <input type="checkbox"/> No cover of native plants from seed mix |

COMMENTS:

The seeds in the hydroseed mix are germinating. Seedlings of California poppy (*Eschscholzia californica*), goldfields (*Lasthenia californica*), California goldenbush (*Isocoma menziesii*) and milkvetch (*Astragalus* sp.) were observed on almost all the slopes and most areas of the top deck. Less germination was observed in areas on the top deck where soil is compacted.

OVERALL NATIVE PLANT CONDITIONS			
PLANT COVER: <input type="checkbox"/> Dense <input checked="" type="checkbox"/> Moderate <input checked="" type="checkbox"/> Minimal	PLANT HEALTH ISSUES <input type="checkbox"/> Disease/pests <input type="checkbox"/> Plant stress <input type="checkbox"/> Excessive herbivory	HEIGHT <input type="checkbox"/> 0" – 12" <input checked="" type="checkbox"/> 12" – 24" <input type="checkbox"/> 24" +	SPECIES RICHNESS <input checked="" type="checkbox"/> Low <input type="checkbox"/> Medium <input type="checkbox"/> High
COMMENTS: Pre-existing natives such as California sagebrush (<i>Artemisia californica</i>) and California goldenbush provided moderate cover of native plants on both the hillside and the top deck.			
WEED CONDITIONS			
CONDITIONS: <input type="checkbox"/> Dense weed coverage <input type="checkbox"/> Moderate weed coverage (seedlings in high density) <input checked="" type="checkbox"/> Minimal weed coverage		<input checked="" type="checkbox"/> Weeds germinating <input checked="" type="checkbox"/> Weeds flowering <input type="checkbox"/> Weeds setting seed	
COMMENTS: Australian saltbush (<i>Atriplex semibaccata</i>) reported in the last survey still existed close to the road. Most annual grasses were under control; however, there were several small patches of exotic grasses on the restoration site. Seedlings of lamb's quarters (<i>Chenopodium album</i>), short-pod mustard (<i>Hirschfeldia incana</i>), sweetclover (<i>Melilotus</i> sp.), Russian thistle (<i>Salsola tragus</i>), cheeseweed (<i>Malua parviflora</i>), and annual grasses were observed. Lamb's quarter showed noticeable growth since the last visit. Short-pod mustard, red-stemmed filaree (<i>Erodium cicutarium</i>), and ripgut grass (<i>Bromus diandrus</i>) were flowering. Those should be controlled before they set seeds.			
MISCELLANEOUS			
CONDITIONS: <input type="checkbox"/> Trash <input type="checkbox"/> Vandalism <input type="checkbox"/> Erosion			
COMMENTS: No erosion was observed. No vandalism and minimal trash were observed.			



Overview of City Side Sage Hill



City Side Sage Hill facing the landfill operation



Seedling of California poppy (*Eschscholzia californica*)



Seedlings of milkvetch (*Astragalus* sp.)

Sunshine Landfill



Flowering red-stemmed filaree (*Erodium cicutarium*)



Lamb's quarters (*Chenopodium album*) showed noticeable growth since last visit.

City Sage



Less germination was observed on the compacted soil on the top deck.



Pre-existing California sagebrush (*Artemisia californica*) on the slope facing the landfill office

Sunshine Canyon Landfill

Quarterly Vegetation Report
First Quarter 2009

Appendix D



February 18, 2009

Ms. Susan Jennings

Ms. Maria Gutzeit

Browning Ferris Industries of California, Inc.

Sunshine Canyon Landfill

14747 San Fernando Road

Sylmar, CA 91342

Re: Close Out Report Phase V

Dear Ms. Jennings and Ms. Gutzeit:

This letter is to inform you that Landscape Development has completed the interim erosion stabilization at Sunshine Canyon Landfill in the designated areas (see attached map). There was a total of 9 acres applied with the three-pass procedure. Of those 9 acres, 6 acres was covered in a straw coconut matting for erosion control and the remaining 3 acres had straw wattle installed at 15 feet spacing down the face of the slopes.

Work began on 11/20/08 with the initial application of the soil amendment and fertilizer on the 6 acre large slope and is demonstrated in Figure 1. The mixture was as follows:

Limestone (Landscape Lime Hydroblend)	1600#/acre
Potassium Chloride Fertilizer (0-0-60).	100#/acre

After all amendment areas were covered, beginning 11/21/08 the second and third passes were applied to the areas. First, a seed mixture was sprayed. The application was as follows:

Con Wed Wood Fiber Mulch	268#/acre
Hydropost Compost	1,071#/acre
Endomycorrhizal Inoculum (3,600,000 propagulels/acre)	60#/acre
Interim Area Erosion Control Seed	8.5#/acre

Seed Mix:

Vulpia microstachys (Small Fescue)	2.0#/acre
Bromus carinatus (California Brrome)	1.5#/acre
Trifolium hirtum (Hykon rose Clover)	1.5#/acre
Trifolium incarnatum (Crimson Clover)	0.5#/acre
Atriplex canescens (Fourwind Saltbrush)	1.0#/acre

Eriogonum fasciculatum (California Buckwheat)	0.5#/acre
Trifolium subterraneum (Mixed Sub-Clover)	1.5#/acre

Directly after the seed mixture was applied, the compost cover application was sprayed (no photo). Spraying the compost cover immediately after the seed mixture was done to ensure that the seed was not exposed to wind displacement and/or other natural factors. The compost cover application included the following:

Con Wed Wood Fiber Mulch	400#/acre
Hydropost Compost	1,600#/acre
Stabilizing Emulsion (Organic Binder)	134#/acre

Final application of the three passes concluded on 11/24/08. Figures 1 through 4 depict the application of all the products. Straw coconut matting was installed over the seeded areas beginning 11/25/08 and was completed on 01/21/09. This was done in conjunction with the installation of the straw wattle on the 3 acre east slope.

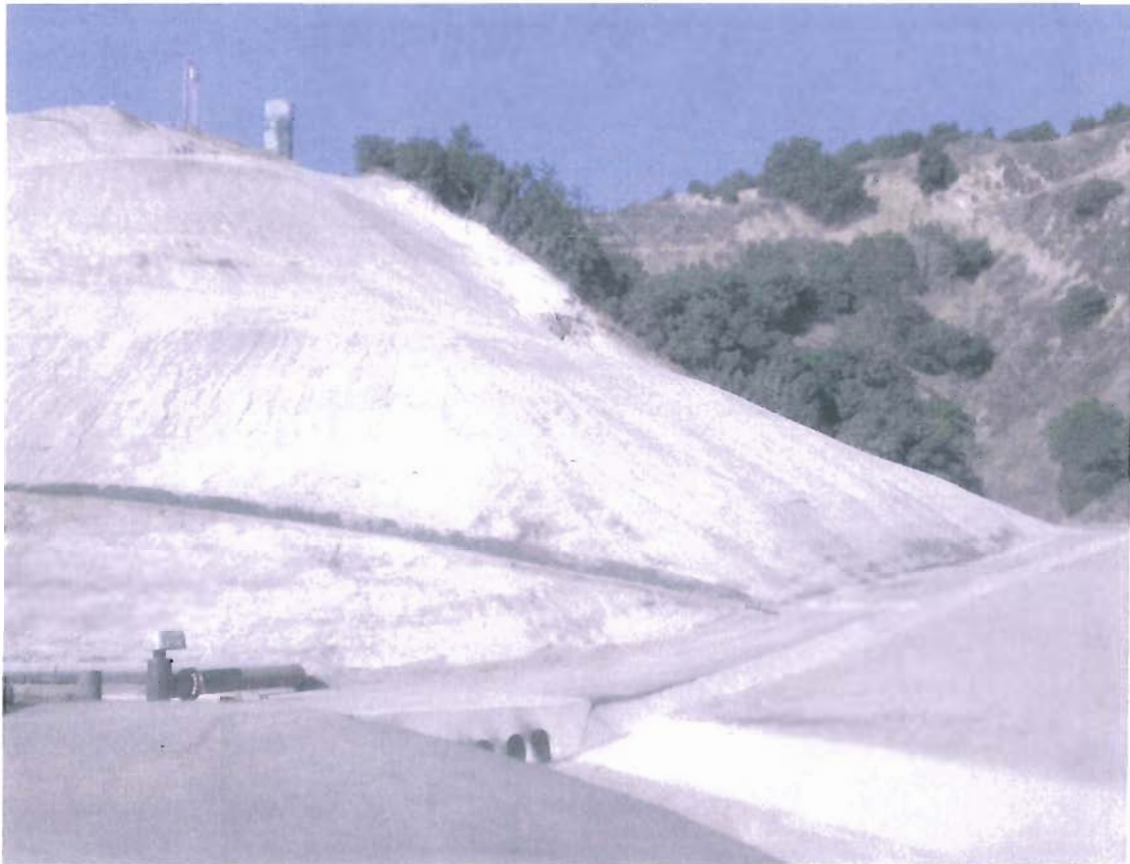


Figure 1. Soil amendment and fertilizer application



Figure 2. Seed Application



Figure 3. Straw Coconut Matting Installation



Figure 4. Installation of Straw Wattle on East Slope

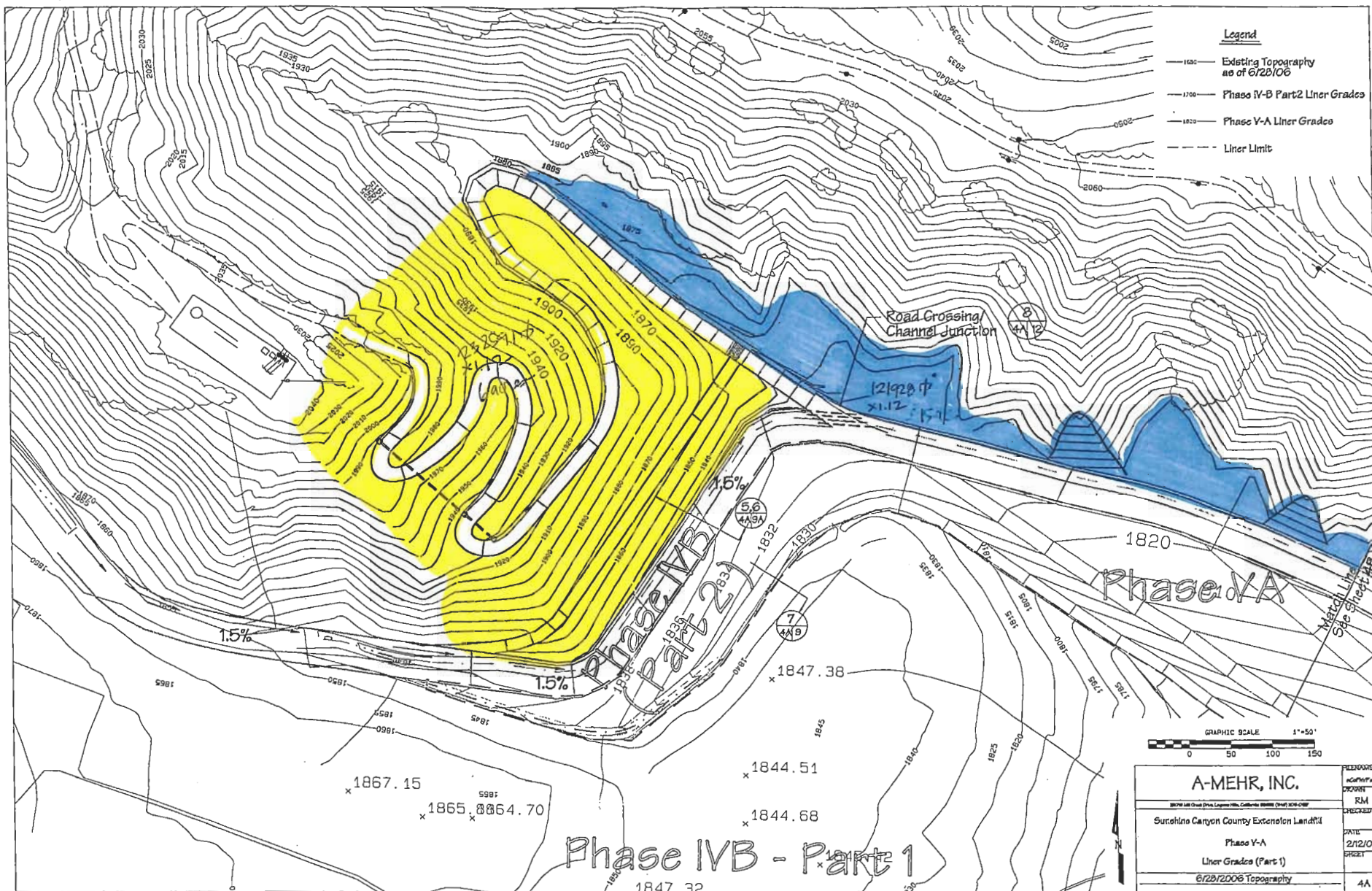
If you have any questions or if additional information needed, it would be my pleasure to discuss them. You may contact me at tleo@landscapedevelopment.com or 661.295.1970. I appreciate this opportunity and look forward to working with you again.

Sincerely,



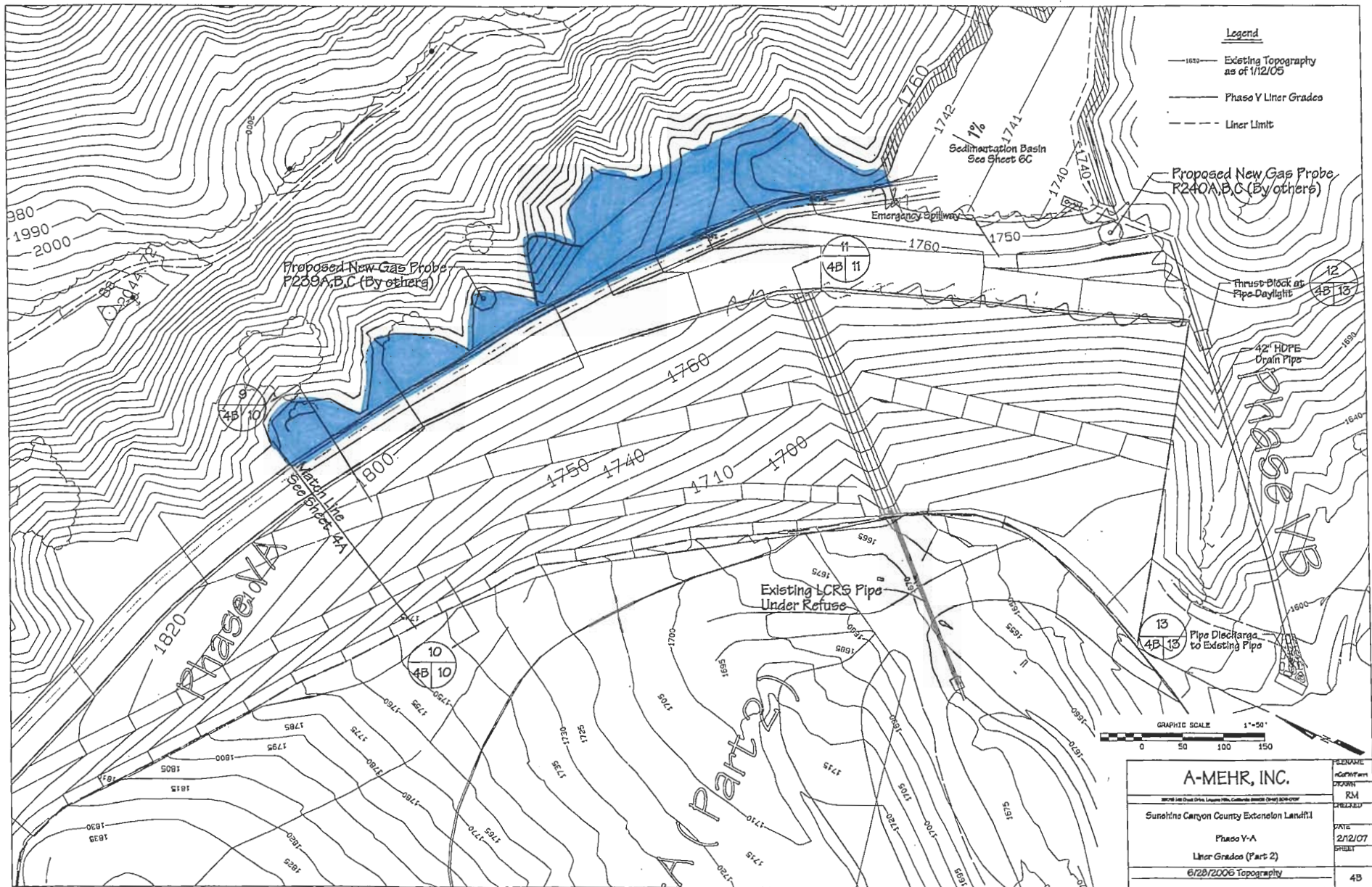
Tiffany Leo, CISEC
Landscape Development

Enclosures



Area applied w/ 3 pass hydroseed mix & covered w/ straw coconut matting 01.30.09

Area applied w/ 3 pass hydroseed mix & straw wattles at 15' spacing



Area applied w/3 pass hydressed mix & straw wattle at 15' spacing 01.30.09



March 11, 2009

Mr. Dave Hauser

Ms. Susan Jennings

Ms. Maria Gutzeit

Browning Ferris Industries of California, Inc.

Sunshine Canyon Landfill

14747 San Fernando Road

Sylmar, CA 91342

Re: City Side Sage Mitigation Report

Dear Mr. Hauser, Ms. Jennings, and Ms. Gutzeit:

This letter is to inform you that Landscape Development has completed installation of the Sage Mitigation Area at Sunshine Canyon Landfill (see attached map). There was a total of 52 acres applied with the three-pass application process (amendment, seed, and compost applications). In addition, all the areas were track walked or hand weeded and herbicided around the native vegetation designated to remain in the area. A dust control application was also applied in between the amendment and seed applications.

Work began on 09.30.08 with the initial application of the soil amendment and fertilizer and is demonstrated in Figure 1. The mixture was as follows:

Limestone (Landscape Lime Hydroblend)	1600#/acre
Potassium Chloride Fertilizer (0-0-60).	100#/acre

Simultaneously following the application of the amendment and fertilizer, the area was track walked to crush the unwanted vegetation and hand weeded in between the native vegetation designated to remain in the area. This work began on 10.06.08 as shown in Figure 2.

To keep the dust controlled from wind, an application of wood fiber mulch and organic binder/tackifier was applied on all disturbed areas as demonstrated in Figures 3 and 4. The mixture was as follows:

ConWed Wood Fiber Mulch	1,200#/acre
Stabilizing Emulsion (Organic Binder)	200#/acre

The application of amendments, tracking of the vegetation, and dust control application were completed on 11.06.08. The area was then to sit for several months during the rainy season to promote growth of new vegetation.



Figure 1. Soil amendment and fertilizer application



Figure 2. Vegetation Tracking



Figure 3. Dust Control Application

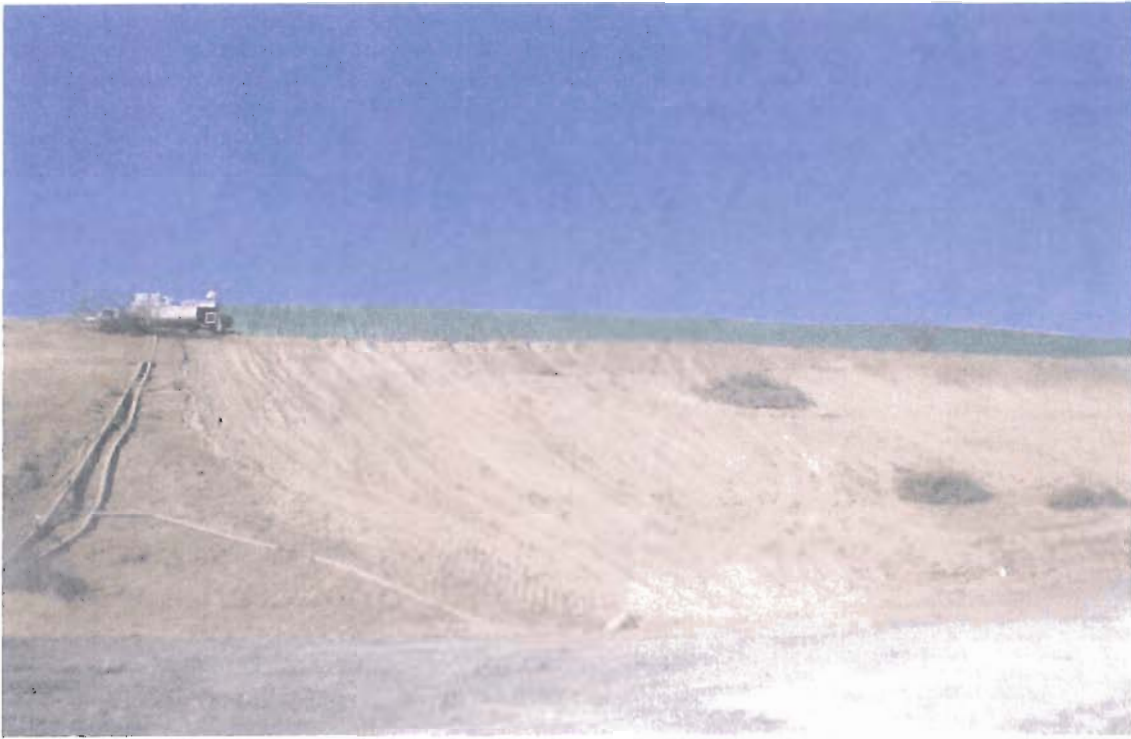


Figure 4. Dust control application (Newly sprayed on upper bench, lower bench sprayed three (3) days prior).

After several months, the rain had promoted new growth in the designated areas. On 01.05.09, a meeting was had with Maria Gutzeit, Chambers Group, and Landscape Development to walk the area and determine what vegetation was to receive the herbicide treatment.

Herbicide treatment with spray rigs and backpack sprayers with the following mixture began on 01.05.09 and was completed on 02.20.09 (Figures 5 and 6):

Glyphosphate Pro 4

2% Concentration



Figure 5. Application of herbicide on undesired vegetation.



Figure 6. Herbicide was applied to the top slope several days prior. Grasses are beginning to dry.



Following the application of the herbicides and given time to dry, the second and third passes were applied to the areas. First, a seed mixture was sprayed. This work began on 01.20.09 and was completed on 02.27.09 as shown in Figure 7. The application was as follows:

Con Wed Wood Fiber Mulch	268#/acre
Hydropost Compost	1,071#/acre
Endomycorrhizal Inoculum (3,600,000 propagulels/acre)	60#/acre
Interim Area Erosion Control Seed	8.5#/acre

Seed Mix:

Eriogonum elongatum (longstem buckwheat)	0.1#/acre
Lotus scoparius (deerweed)	0.5#/acre
Artemisia californica (California sagebrush)	1.0#/acre
Mimulus auranticus (sticky monkeyflower)	0.05#/acre
Eschscholzia californica (California poppy)	0.25#/acre
Lasthenia californica (goldfields)	0.1#/acre
Vulpia microstachys (small fescue)	2.0#/acre
Lupinus bicolor (miniature lupine)	0.25#/acre
Encelia californica (California encelia)	0.25#/acre
Salvia mellifera (black sage)	0.25#/acre
Eriogonum fasciculatum (California buckwheat)	0.25#/acre
Isocoma menziesii (California goldenbush)	0.25#/acre
Baccharis pilularis (coyote brush)	0.25#/acre
Nassella pulchra (purple needlegrass)	0.5#/acre
Salvia apiana (white sage)	0.25#/acre
Bromus carinatus (California brome)	<u>1.5#/acre</u>
	7.75#/acre



Figure 7. Application of seed mixture.

Directly after the seed mixture was applied, the compost cover application was sprayed. Spraying the compost cover immediately after the seed mixture was done to ensure that the seed was not exposed to wind displacement and/or other natural factors. The compost cover application included the following mixture and completed on 03.10.09 (Figure 8):

Con Wed Wood Fiber Mulch	400#/acre
Hydopost Compost	1,600#/acre
Stabilizing Emulsion (Organic Binder)	134#/acre



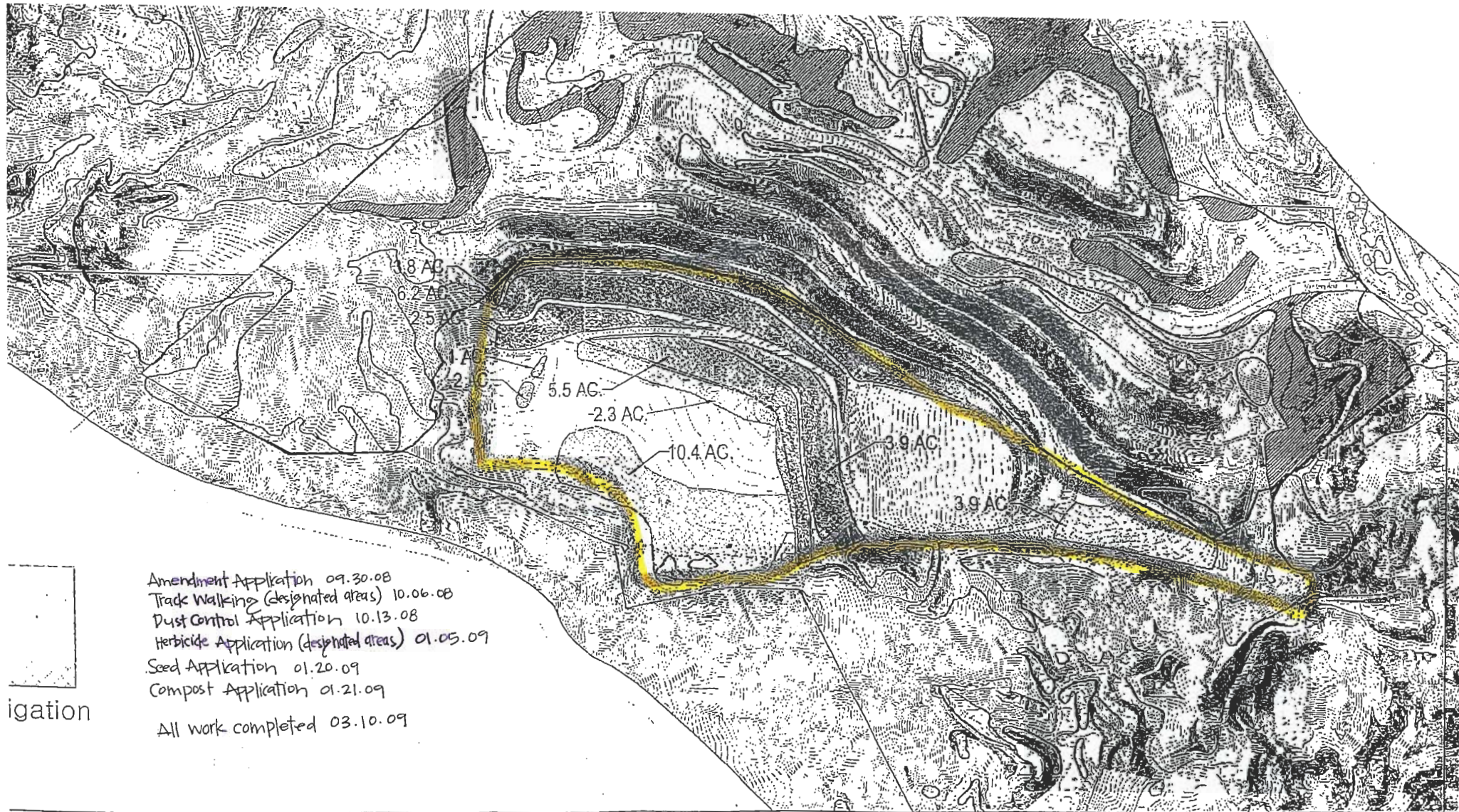
Figure 8. Application of final compost layer.

If you have any questions or if additional information needed, it would be my pleasure to discuss them. You may contact me at tleo@landscapedevelopment.com or 661.295.1970. I appreciate this opportunity and look forward to working with you again.

Sincerely,

Tiffany Leo, CISEC
Landscape Development

Enclosures



igation



Phase V

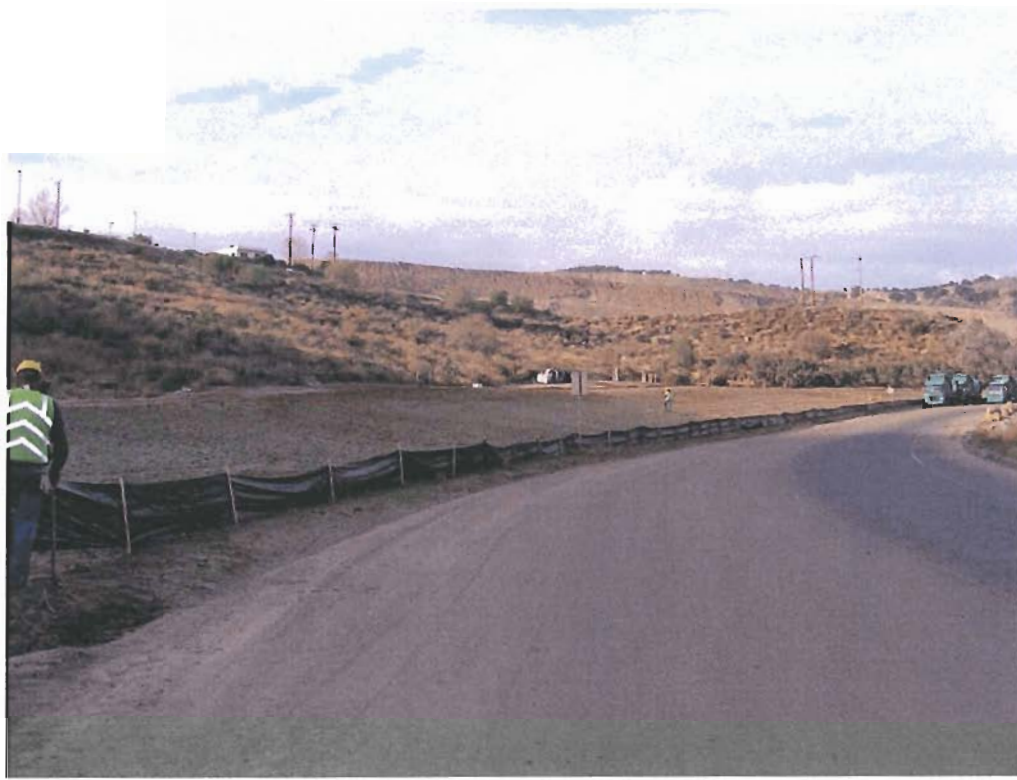




Greenwaste Test Area







County Interim Cover 1/09



City Interim Cover

1/09-2/09



