

Monthly Project Activities Summary Report
Sherwin-Williams Emeryville Facility, Emeryville, CA
Per DTSC Order IS/E 05/06-007
September 2011

1. Community Safety Plan

Current version is always available at the DTSC Envirostor, [click here](#). Current version was last updated on April 26, 2011.

2. Soil Excavation, Off-Site Transport and Water Treatment

The following non-excavation activities were performed at the Site during September.

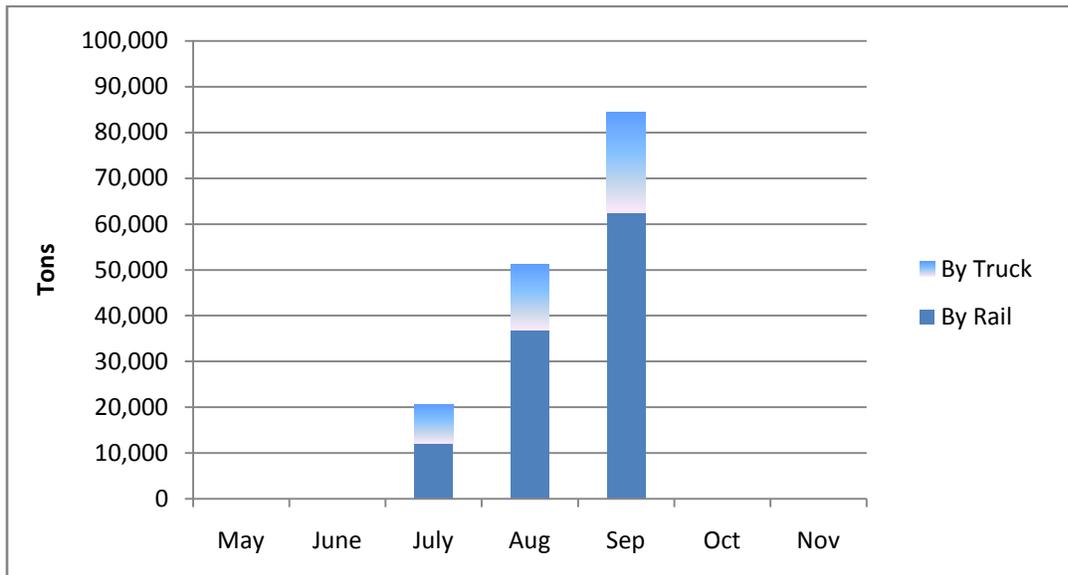
- Dust vapor and odor control measures continued to operate during working hours. Control measures include: windscreens, water with surfactant spray/mist systems, and dust suppressants, including HydroSeal on exposed impacted soil excavation and stockpile surfaces.
- Entrance and exit to and from the exclusion zone is controlled to assure proper personal protective equipment and decontamination of vehicles and equipment is followed.
- Street sweeping of truck haul routes both on and off the Site continued to occur. Street sweeping of Sherwin Street resumed on September 6, 2011.
- A total of approximately 13,650 CY of imported clean low hydraulic conductivity backfill soil (low k materials) and 710 CY of imported clean high hydraulic conductivity backfill soil (high k materials) were brought into the Site and stockpiled in the clean backfill stockpile areas on the south side of the Site. Both materials were transferred into the excavation area prior to and during backfill placement and compaction. Through the end of September, approximately 25% of the anticipated backfill material had been placed and compacted following removal of the excavated material.

The following excavation activities were performed at the Site during September:

- During the month of September excavation proceeded in the vadose soils, (upper non-saturated layers), and the deeper saturated soil layers. This occurred in Excavation Layers 3 through 8, as shown in the attached Figures 1 through 7. Through the end of September, approximately 83% of the anticipated material to be excavated had occurred.
- A 69-car unit train containing category 2 excavated materials (approx. 7,500 tons) was transported to ECDC in Carbondale, UT on September 1, 2011.
- A 64-car unit train containing category 2 excavated materials (approx. 7,000 tons) was transported to ECDC in Carbondale, UT on September 12, 2011.
- A 58-car unit train containing category 2 excavated materials (approx. 6,400 tons) was transported to ECDC in Carbondale, UT on September 15, 2011.
- A 43-car unit train containing category 3 and 4 excavated material (approx. 4,700 tons) was transported to ECDC in Grandview, ID on September 30, 2011.

- Throughout September, 2011, stockpiling of excavated material was segregated by material types, prior to sampling and loading for offsite transport. Rail cars transported hazardous excavated materials to treatment and disposal facilities via adjacent rail lines. Trucks transported non-hazardous excavated materials to disposal facilities via surface streets and adjacent highways. The chart below shows accumulated tonnage transported offsite.

Excavated materials transported off-site (in accumulated tons by month):



Total truck loads out: 316 in this month; 908 total.
Total rail car loads out: 165 in this month; 512 total.

The following groundwater extraction and treatment activities and stormwater management activities were performed at the Site during September:

- Groundwater was pumped from several low areas on the south end of the excavation. Seepage into the excavation was diverted away from the north sidewall (Rifkin property) towards the south end sumps by using a number of trenches. The water was pumped to the onsite water treatment plant, was pre-treated and discharged in accordance with EBMUD permit requirements continuously throughout the month. Average discharge during the month ranged between 30 and 40 gpm.
- Submitted laboratory results for the samples collected 30 days after the start of discharge in accordance with EBMUD permit requirements.

- Groundwater levels were measured on September 23 and 30, 2011. Water levels in the Rifkin property wells surrounding just north of the excavation have dropped between approximately 3.5 and 4.5 feet since dewatering of the excavation began.
- No measurable precipitation events occurred during September 2011.
- Continued to implement Storm Water Pollution Prevention Plan (SWPPP) controls during Remedial Action.

3. Perimeter Air Monitoring Results

- Seven air monitoring stations surround the site and measure respirable particulate matter less than 10 micrometers (RPM10) in size and total volatile organic compounds (TVOC) concentrations continuously. A weather station is operating and monitoring wind speed and direction, temperature and relative humidity. Perimeter real-time air monitoring for dust and total volatile organics were performed continuously, seven days a week, 24 hours a day, throughout the month of September 2011.
- DTSC approved the termination of daily perimeter air sampling in August 2011 due to the effectiveness of dust and vapor control measures as verified by real time monitoring and its correlation with perimeter air sampling. For the remaining project duration, perimeter air sampling will be performed if levels of TVOC/metals concentrations are expected to be of in the excavation area. However, stated below in discussion on upcoming activities, the remaining materials to be excavated are presumed to be categories 1 through 3 excavated materials and perimeter air sampling is not anticipated to be required.
- Weekly reports presenting the real time perimeter air monitoring results have been posted to the DTSC website through the month of September. Daily reports presenting real time perimeter air monitoring results have been posted on the community board at the corner of Sherwin and Horton Streets through the month of September.
- As presented in the daily and weekly reporting, no exceedances of action levels occurred during the month. Air Quality charts showing running averages through the end of September are provided in the attached Figure 8 and 9.
- Wind rose data is generated daily from the site weather data station. A cumulative wind rose for the month of September is shown in Figure 10.

4. Other Project News

- During City Council meeting held on September 6, 2011, a request was made for extension of work hours during weekdays and Saturdays to load out material into railcars and trucks for offsite transport and disposal. Request was denied by City Council.

- Several new haiku poems added to the Horton Street construction fence.
- Misters lowered along the Horton side due to the deepening of the excavation and in response to community requests.
- Pumps muffled in response to community questions about noise.
- Horton Street surrounding the Site cleaned in response to City request.
- Street material in the vicinity of the Site were sampled and analyzed In September, and reported to DTSC in early October.

5. **Coming up Next in October**

- Continue the excavation of final saturated zone soils in lowest layers 7 and 8. Backfill placement and compaction of saturated zone soils within elevations at layers 7 and 8.
- Remaining excavation is expected to generate materials presumed to be categories 1 through 3.
- Install lagging in lower sections of shoring wall system in preparation of completing excavation of material along eastern edge of saturated zone soils.
- Continue stockpiling of excavated materials for characterization of material for offsite transport and disposal.
- Continue load out of hazardous excavated materials by rail car and non-hazardous excavated materials by truck.
- Continue importing and stockpiling of clean backfill material to be used for backfill following excavation.
- Install the slurry wall extension along the south west boundary of the Site.
- Dust and vapor control, and perimeter air monitoring will continue throughout the month of October.
- Continue to divert and pump groundwater seepage into the onsite water treatment plant for treatment and disposal into the sanitary sewer. Water treatment and discharge operations will continue in accordance with EBMUD permit requirements.
- Submit quarterly discharge report in accordance with EBMUD permit requirements.
- Submit quarterly NPDES standby status letter report.
- Conduct weekly (during remedy implementation) groundwater level measurements and quarterly (during remedy implementation) groundwater sampling event.
- Submit groundwater self-monitoring data summary report.
- Communications, outreach to area residents and monitoring of and response to hotline calls will continue.

6. Communication

- Throughout the month of September members of the project team responded to calls and emails from members of the community directly including:

“There is a sound from the site that is started clicking at 6 a.m.”

The sound that may be heard is one of the many air driven pumps down in the excavation removing ground water. These pumps, depending on the amount of water coming into the hole can start and stop without notice. The louder pump with metallic sound (that is generated west of the Sherwin Williams building) may also be contributing to the sound. This pump operates continuously unless off for mechanical reasons. The Project purchased two electric pumps to minimize use of air pumps overnight. The electric pumps are submersible (under water) and help quiet things down at night. The Site has also responded by moving pumps. Pumping and treating of water from the Site continues to occur 24 hours a day 7 days a week as has been the case since 1995.

7. Community Telephone Complaint Hotline

- Four hotline calls were received during the month of September. The nature of the calls and the follow up information that was provided are listed below:

“Trucks from SNS Trucking on Horton St. Emeryville with an uncovered load observed on September 2 at 10:30 a.m.”

This truck was not associated with the Sherwin Williams Project.

“Trucks removing dirt from the Site against project regulations.” Call was received on September 9 at 12:20 p.m.

Trucks are hauling non-hazardous soil as described in the Project Remedial Design Implementation Plan as approved by the Department of Toxic Substance Control. Hazardous material is being loaded into railcars for transport by rail.

“Complaint on the dust that has been leaving the Site. What is the result of the test results on the dust?”

Dust is being controlled by a number of approved and effective methods including, water spray/mist systems, and dust suppressants, including HydroSeal. Possible observations of dust could be explained as the mist applied by the mobile emission controls which put out a fine opaque colored aerosol spray, having the appearance of dust. Dust monitors are located around the site and monitor the dust continuously 7 days a week, 24 hours a day. Dust levels have not exceeded the project action levels for PM10. Results of perimeter air monitoring and testing have been posted weekly on the DTSC web site as well as daily on the site bulletin board at Sherwin St and Horton St.

“Why did you recently build a new opaque fence? The new one is higher. Why?”

The fence located on the north east corner of the excavation serves as a support of the mister system which is located along Horton St. The misters located along Horton ST. were lowered due to the deepening of the excavation, bringing the mist into closer proximity to the excavation and to alleviate complaints by neighbors of the nuisance created by the misunderstanding of the mist and its contents. The excavation along Horton does not extend to the north east corner, so the misters were moved away from the Horton St fence and located inside the new fence. The new fence is approximately 9 feet in height. The construction wall fence along Horton St. is 12 feet in height. The new fence is located in front of a previously existing temporarily closed gate approximately 6 feet in height. The new fence is designed to help reduce mist on Horton Street, as well as to deter unsafe behavior as observed by security of pedestrians climbing on this 6 foot high gate.

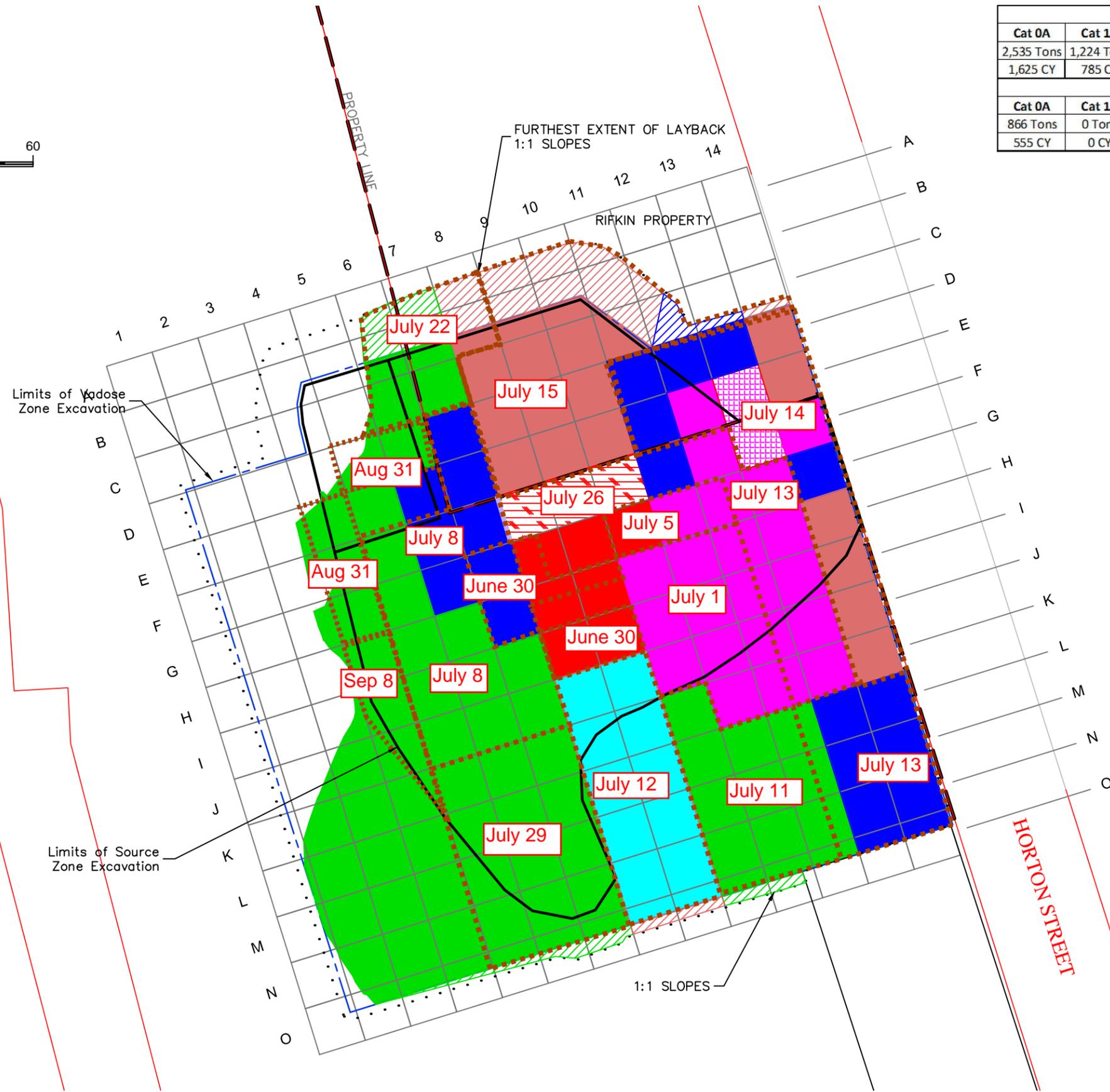
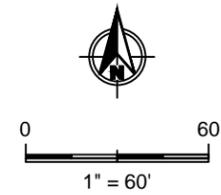
For Project information, contact:

Nathan Schumacher, DTSC: 866-495-5651 (Mon-Friday, work hours)

To register a concern/complaint about the project activities, contact:

Project Complaint Hotline: 866-848-5307 (24 hrs/day)

Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
2,535 Tons	1,224 Tons	3,040 Tons	2,783 Tons	3,030 Tons	1,011 Tons	0 Tons	433 Tons	293 Tons	0 Tons
1,625 CY	785 CY	1,949 CY	1,784 CY	1,943 CY	648 CY	0 CY	278 CY	188 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
866 Tons	0 Tons	58 Tons	50 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
555 CY	0 CY	37 CY	32 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY



LEGEND

1 Grid Location
 25' x 25' x 4' = 93 BCY
 Axis
 X = Rows A-O
 Y = Columns 1-14
 Z = Elevation at Bottom of Excavation

Waste Categorization

- Category 0-A
 Non-Hazardous Class II Daily Cover, possible direct-load based on in-place non-haz and arsenic below 24 mg/kg, actual landfill criteria not known
- Category 1-A
 Non-Hazardous Class II, possible direct-load based on in-place data, Bay Area landfills, truck
- Category 1-B
 Stockpile to confirm non-hazardous Class II, Bay Area landfills, truck
- Category 2
 Stockpile to confirm non-RCRA waste, ECDC Carbondale, rail
- Category 3
 Stockpile to confirm RCRA waste not requiring treatment, USEI Grandview, rail
- Category 4
 Stockpile to confirm RCRA w/UHCs waste requiring stabilization, USEI Grandview, rail
- Category 5
 Stockpile to confirm RCRA w/UHCs waste requiring chemical oxidation, USEI Grandview, rail
- Category 6
 Stockpile to confirm RCRA w/UHCs waste requiring thermal treatment, CWM Arlington, rail
- Category 7
 Stockpile to confirm RCRA w/UHCs waste requiring stabilization and chemical oxidation, USEI Grandview, rail
- Category 8
 Stockpile to confirm RCRA w/UHCs waste requiring stabilization and thermal treatment, CWM Arlington, rail

45TH AVE

FIGURE 1

PREPARED FOR:
SHERWIN-WILLIAMS
 1450 SHERWIN AVE.
 EMERYVILLE, CA

PREPARED BY:

ENVIROCON
 1687 EUREKA ROAD, SUITE 200
 ROSEVILLE, CA 95661

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

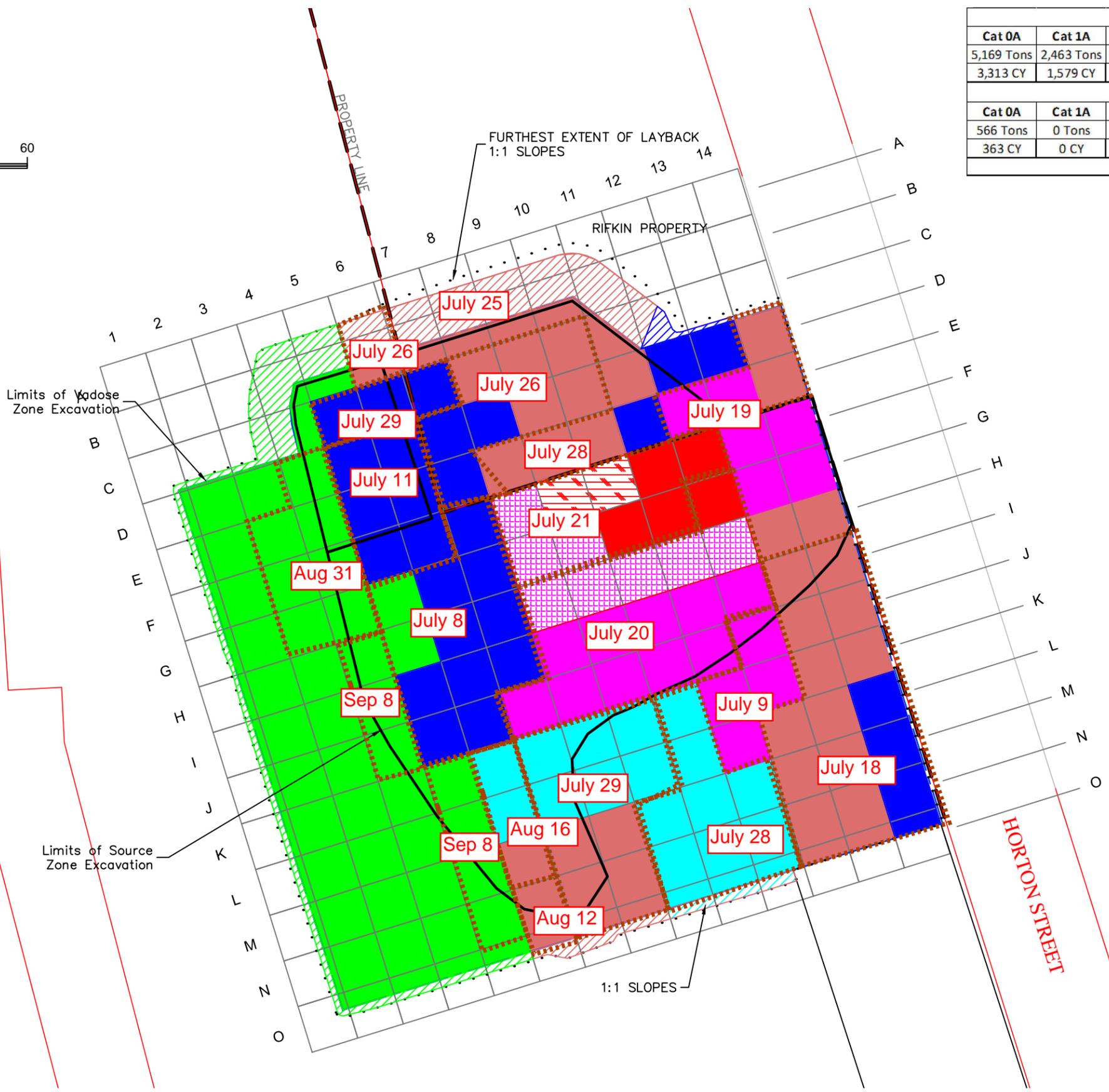
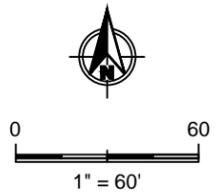
TITLE: **Excavation Layer 2**
 Elevation +18 to +14

DRAWN BY: J. Stone
 LOCATION: Emeryville, CA
 SCALE: 1" = 60'
 DATE: 03-18-2011
 SHEET: 3 of 11
 REV: 0

DWG NO: 1483001-Soil Class Excav 110304

SHEET NO:
 EX-3

Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
5,169 Tons	2,463 Tons	6,005 Tons	4,089 Tons	2,889 Tons	722 Tons	0 Tons	289 Tons	1,156 Tons	0 Tons
3,313 CY	1,579 CY	3,849 CY	2,621 CY	1,852 CY	463 CY	0 CY	185 CY	741 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
566 Tons	0 Tons	382 Tons	31 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
363 CY	0 CY	245 CY	20 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Total Accumulated Volume						45,122 Tons	28,199 CY		



LEGEND

1 Grid Location
 25' x 25' x 4' = 93 BCY
 Axis
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Waste Categorization

- Category 0-A: Non-Hazardous Class II Daily Cover, possible direct-load based on in-place non-haz and arsenic below 24 mg/kg, actual landfill criteria not known
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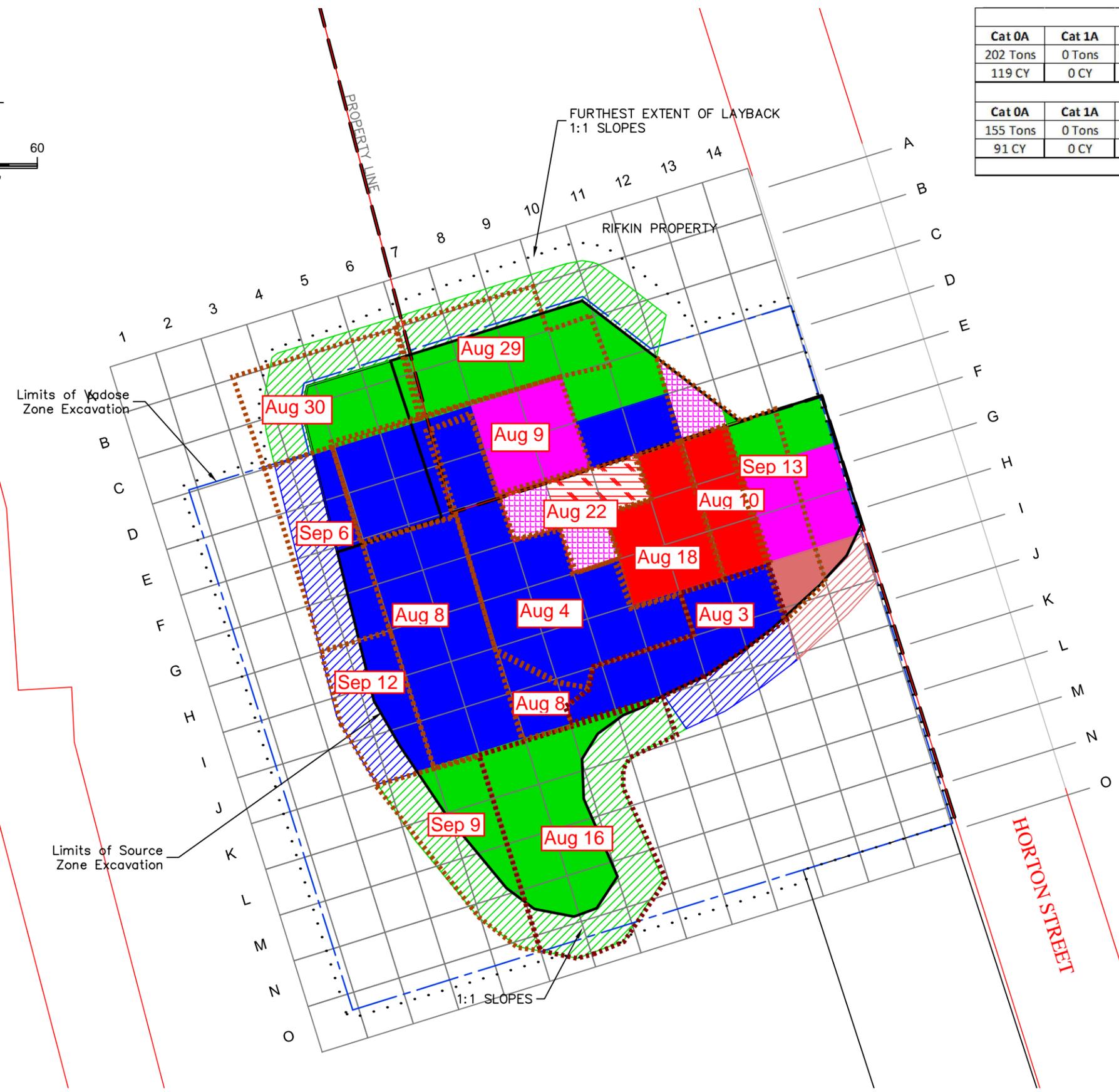
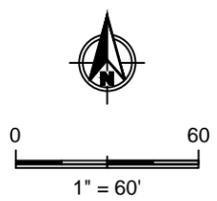
45TH AVE

FIGURE 2

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PREPARED FOR: SHERWIN-WILLIAMS 1450 SHERWIN AVE. EMERYVILLE, CA	PREPARED BY: 1687 EUREKA ROAD, SUITE 200 ROSEVILLE, CA 95661	REVISIONS	TITLE Excavation Layer 3 Elevation +14 to +10	SHEET NO. EX- 4
		ZONE REV DESCRIPTION DATE APPROVED	DRAWN BY: J. Stone	LOCATION: Emeryville, CA
			SCALE: 1" = 60'	DWG NO: 1483001-Soil Class Excav 110304
			DATE: 03-18-2011	SHEET: 4 of 11
			REVIEWED BY: T. Maestas	REV: 0

Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
202 Tons	0 Tons	3,702 Tons	6,199 Tons	1,259 Tons	1,259 Tons	0 Tons	315 Tons	485 Tons	0 Tons
119 CY	0 CY	2,178 CY	3,646 CY	740 CY	741 CY	0 CY	185 CY	285 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
155 Tons	0 Tons	1,445 Tons	663 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
91 CY	0 CY	850 CY	390 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Total Accumulated Volume						60,806 Tons	37,424 CY		



LEGEND

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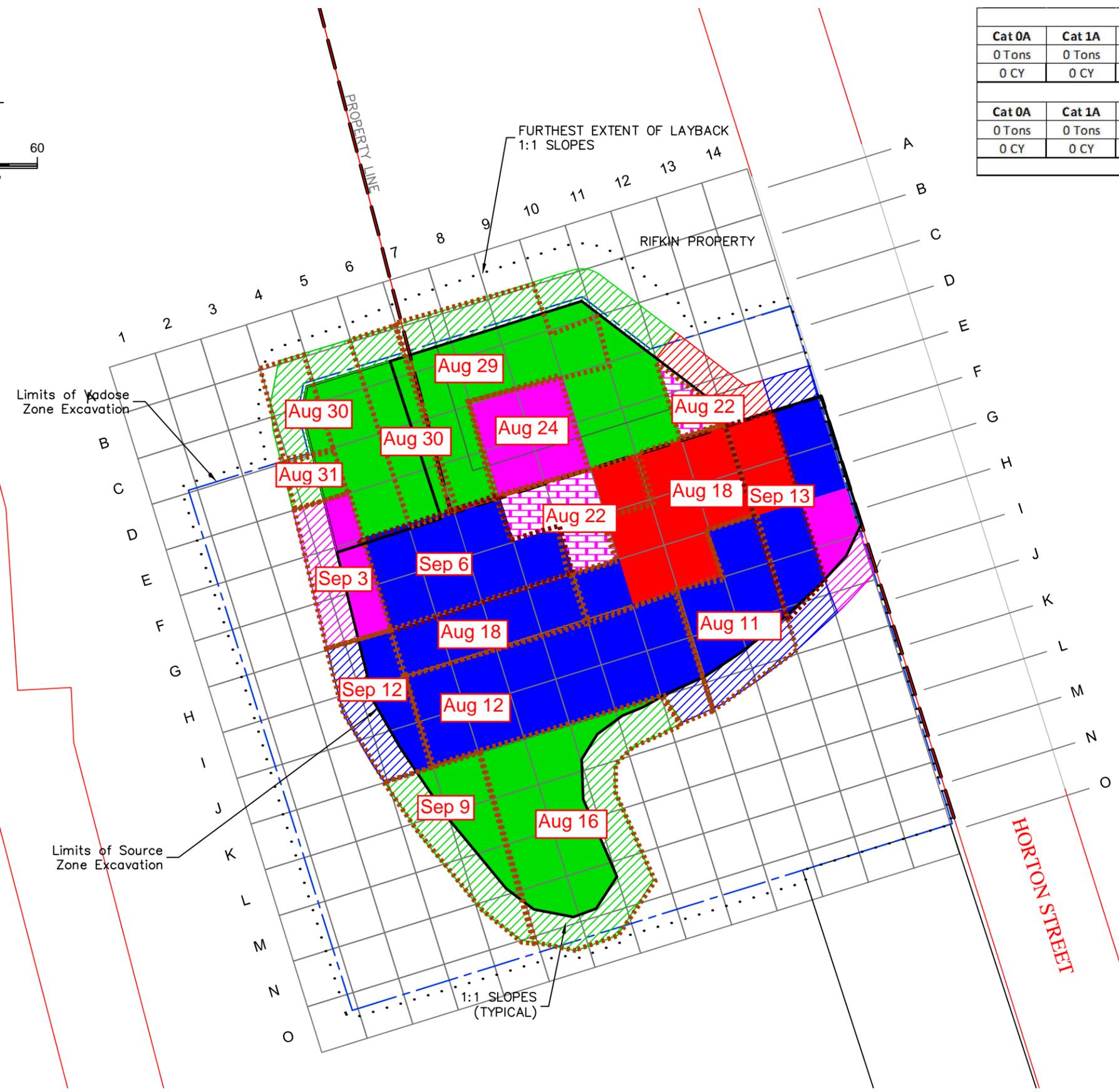
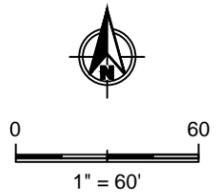
45TH AVE

FIGURE 3

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PREPARED FOR: SHERWIN-WILLIAMS 1450 SHERWIN AVE. EMERYVILLE, CA	PREPARED BY: 1687 EUREKA ROAD, SUITE 200 ROSEVILLE, CA 95661	REVISIONS	TITLE Excavation Layer 4 Elevation +10 to +6	SHEET NO. EX-5
		ZONE REV DESCRIPTION DATE APPROVED	DRAWN BY: J. Stone	LOCATION: Emeryville, CA
			REVIEWED BY: T. Maestas	SCALE: 1" = 60'
			DATE: 03-18-2011	DWG NO: 1483001-Soil Class Excav 110304
				SHEET: 5 of 11
				REV: 0

Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	0 Tons	4,718 Tons	5,343 Tons	1,135 Tons	1,574 Tons	651 Tons	0 Tons	0 Tons	0 Tons
0 CY	0 CY	2,775 CY	3,143 CY	667 CY	926 CY	383 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	0 Tons	1,219 Tons	435 Tons	224 Tons	138 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	0 CY	717 CY	256 CY	132 CY	81 CY	0 CY	0 CY	0 CY	0 CY
Total Accumulated Volume						76,243 Tons	46,505 CY		



LEGEND

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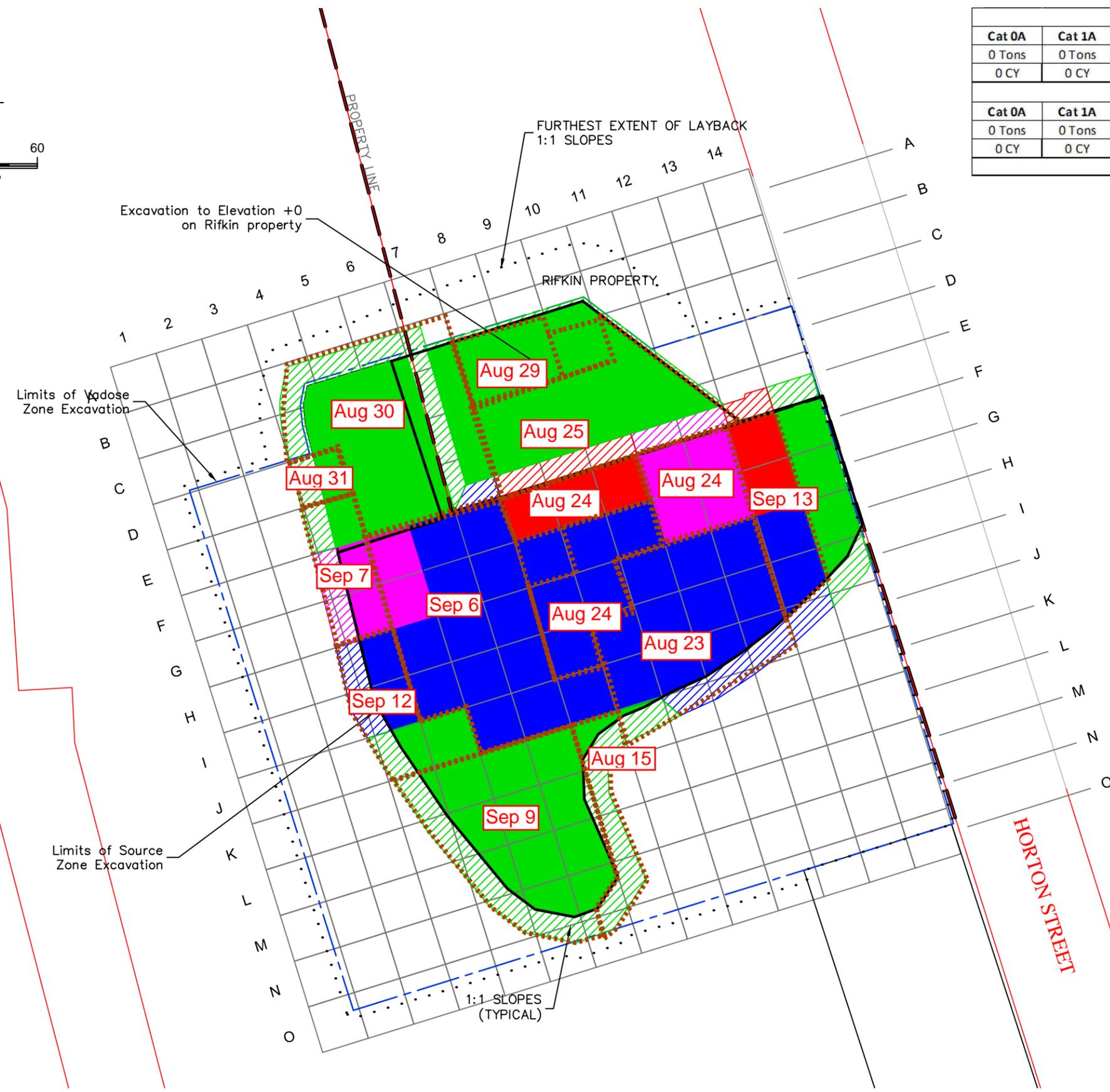
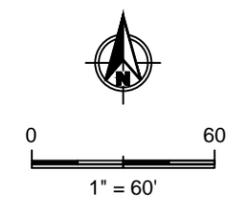
45TH AVE

FIGURE 4

M:\PROJECTS\Active Projects\1483001-Sherwin Williams\AutoCAD Excav DWGs\Excav Plan.dwg, Layer 5, 3/30/2011 2:04:10 PM

PREPARED FOR: SHERWIN-WILLIAMS 1450 SHERWIN AVE. EMERYVILLE, CA	PREPARED BY: 1687 EUREKA ROAD, SUITE 200 ROSEVILLE, CA 95661	REVISIONS				TITLE: Excavation Layer 5 Elevation +6 to +2	SHEET NO.: EX-6
		ZONE	REV	DESCRIPTION	DATE		
		DRAWN BY: J. Stone LOCATION: Emeryville, CA. SCALE: 1" = 60' DATE: 03-18-2011				DWG NO.: 1483001-Soil Class Excav 110304 SHEET: 6 of 11 REV: 0	

Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	0 Tons	5,028 Tons	5,107 Tons	1,149 Tons	787 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	0 CY	2,958 CY	3,004 CY	676 CY	463 CY	0 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	0 Tons	962 Tons	279 Tons	148 Tons	141 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	0 CY	566 CY	164 CY	87 CY	83 CY	0 CY	0 CY	0 CY	0 CY
Total Accumulated Volume							89,844 Tons	54,505 CY	



LEGEND

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Waste Categorization

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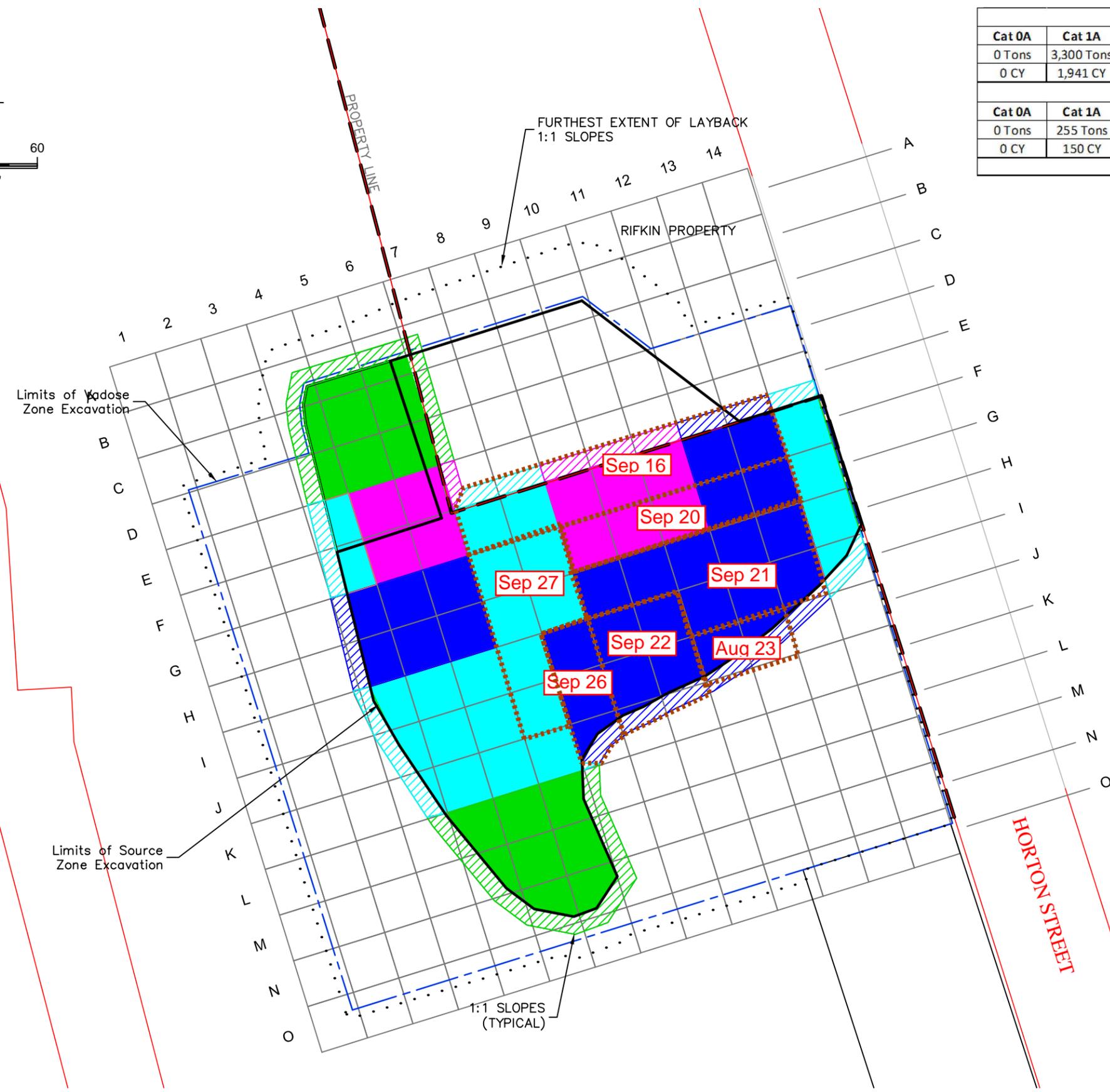
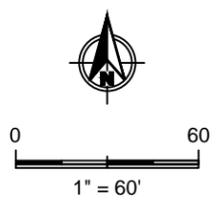
45TH AVE

FIGURE 5

M:\PROJECTS\Active Projects\1483001-Sherwin Williams\AutoCAD Excav DWGs\Excav Plan.dwg, Layer 6, 3/30/2011 2:02:41 PM

PREPARED FOR: SHERWIN-WILLIAMS 1450 SHERWIN AVE. EMERYVILLE, CA	PREPARED BY: 1687 EUREKA ROAD, SUITE 200 ROSEVILLE, CA 95661	REVISIONS	TITLE Excavation Layer 6 Elevation +2 to -2	SHEET NO. EX-7
		ZONE REV DESCRIPTION DATE APPROVED	DRAWN BY: J. Stone	LOCATION: Emeryville, CA
			REVIEWED BY: T. Maestas	SCALE: 1" = 60'
			DATE: 03-18-2011	DWG NO: 1483001-Soil Class Excav 110304
				SHEET: 7 of 11
				REV: 0

Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	3,300 Tons	1,925 Tons	3,921 Tons	1,574 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	1,941 CY	1,132 CY	2,306 CY	926 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	255 Tons	437 Tons	111 Tons	105 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	150 CY	257 CY	65 CY	62 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Total Accumulated Volume						101,472 Tons	61,345 CY		



LEGEND

1 Grid Location
 25' x 25' x 4' = 93 BCY
 Axis
 X = Rows A-O
 Y = Columns 1-14
 Z = Elevation at Bottom of Excavation

Waste Categorization

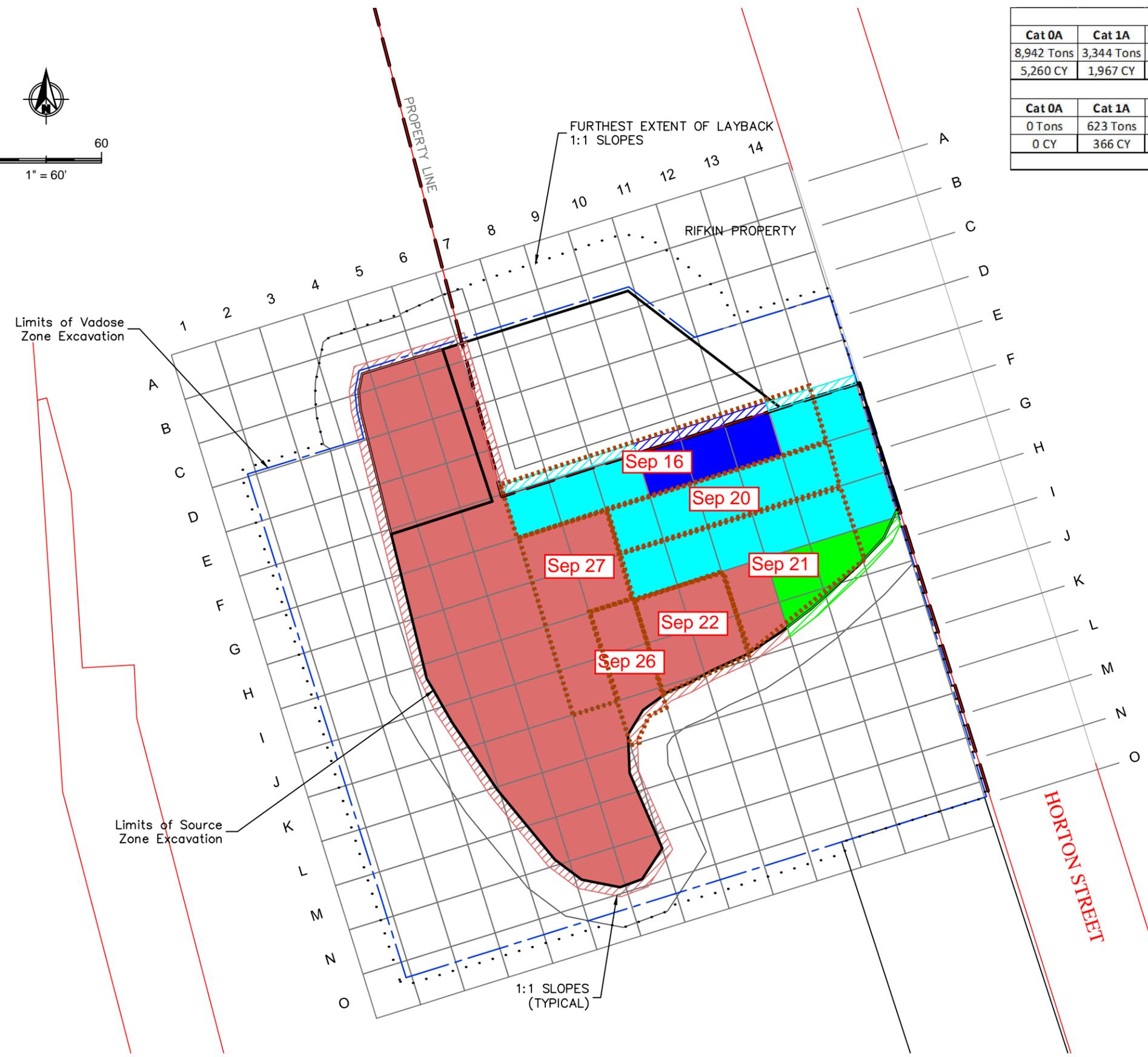
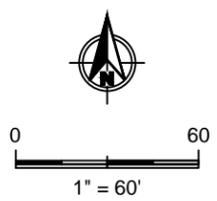
- Category 0-A: Non-Hazardous Class II Daily Cover, possible direct-load based on in-place non-haz and arsenic below 24 mg/kg, actual landfill criteria not known
- Category 1-A: Non-Hazardous Class II, possible direct-load based on in-place data, Bay Area landfills, truck
- Category 1-B: Stockpile to confirm non-hazardous Class II, Bay Area landfills, truck
- Category 2: Stockpile to confirm non-RCRA waste, ECDC Carbondale, rail
- Category 3: Stockpile to confirm RCRA waste not requiring treatment, USEI Grandview, rail
- Category 4: Stockpile to confirm RCRA w/UHCs waste requiring stabilization, USEI Grandview, rail
- Category 5: Stockpile to confirm RCRA w/UHCs waste requiring chemical oxidation, USEI Grandview, rail
- Category 6: Stockpile to confirm RCRA w/UHCs waste requiring thermal treatment, CWM Arlington, rail
- Category 7: Stockpile to confirm RCRA w/UHCs waste requiring stabilization and chemical oxidation, USEI Grandview, rail
- Category 8: Stockpile to confirm RCRA w/UHCs waste requiring stabilization and thermal treatment, CWM Arlington, rail

45TH AVE

FIGURE 6

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Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
8,942 Tons	3,344 Tons	524 Tons	590 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
5,260 CY	1,967 CY	308 CY	347 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	623 Tons	68 Tons	59 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	366 CY	40 CY	35 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Total Accumulated Volume						115,622 Tons	69,669 CY		



LEGEND

1 Grid Location
 25' x 25' x 4' = 93 BCY
 Axis
 X = Rows A-O
 Y = Columns 1-14
 Z = Elevation at Bottom of Excavation

Waste Categorization

- Category 0-A: Non-Hazardous Class II Daily Cover, possible direct-load based on in-place non-haz and arsenic below 24 mg/kg, actual landfill criteria not known
- Category 1-A: Non-Hazardous Class II, possible direct-load based on in-place data, Bay Area landfills, truck
- Category 1-B: Stockpile to confirm non-hazardous Class II, Bay Area landfills, truck
- Category 2: Stockpile to confirm non-RCRA waste, ECDC Carbondale, rail
- Category 3: Stockpile to confirm RCRA waste not requiring treatment, USEI Grandview, rail
- Category 4: Stockpile to confirm RCRA w/UHCs waste requiring stabilization, USEI Grandview, rail
- Category 5: Stockpile to confirm RCRA w/UHCs waste requiring chemical oxidation, USEI Grandview, rail
- Category 6: Stockpile to confirm RCRA w/UHCs waste requiring thermal treatment, CWM Arlington, rail
- Category 7: Stockpile to confirm RCRA w/UHCs waste requiring stabilization and chemical oxidation, USEI Grandview, rail
- Category 8: Stockpile to confirm RCRA w/UHCs waste requiring stabilization and thermal treatment, CWM Arlington, rail

45TH AVE

FIGURE 7

M:\PROJECTS\Active Projects\1483001-Sherwin Williams\AutoCAD Excav DWGs\Excav Plan.dwg, Layer 8, 3/30/2011 2:03:46 PM

PREPARED FOR:
SHERWIN-WILLIAMS
 1450 SHERWIN AVE.
 EMERYVILLE, CA

PREPARED BY:

 1687 EUREKA ROAD, SUITE 200
 ROSEVILLE, CA 95661

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

TITLE		LOCATION		DWG NO.	
Excavation Layer 8		Emeryville, CA.		1483001-Soil Class Excav 110304	
Elevation -6 to -11		DRAWN BY: J. Stone	DATE: 03-18-2011	SHEET: 9 of 11	REV: 0
REVIEWED BY: T. Maestas		SCALE: 1" = 60'	DATE: 03-18-2011	SHEET: 9 of 11	REV: 0

SHEET NO.
EX-9

TVOC Running Average Since 06/16/11

Station 1 Station 2 Station 3 Station 4 Station 5 Station 6 Station 7 Subchronic Action Level

Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)

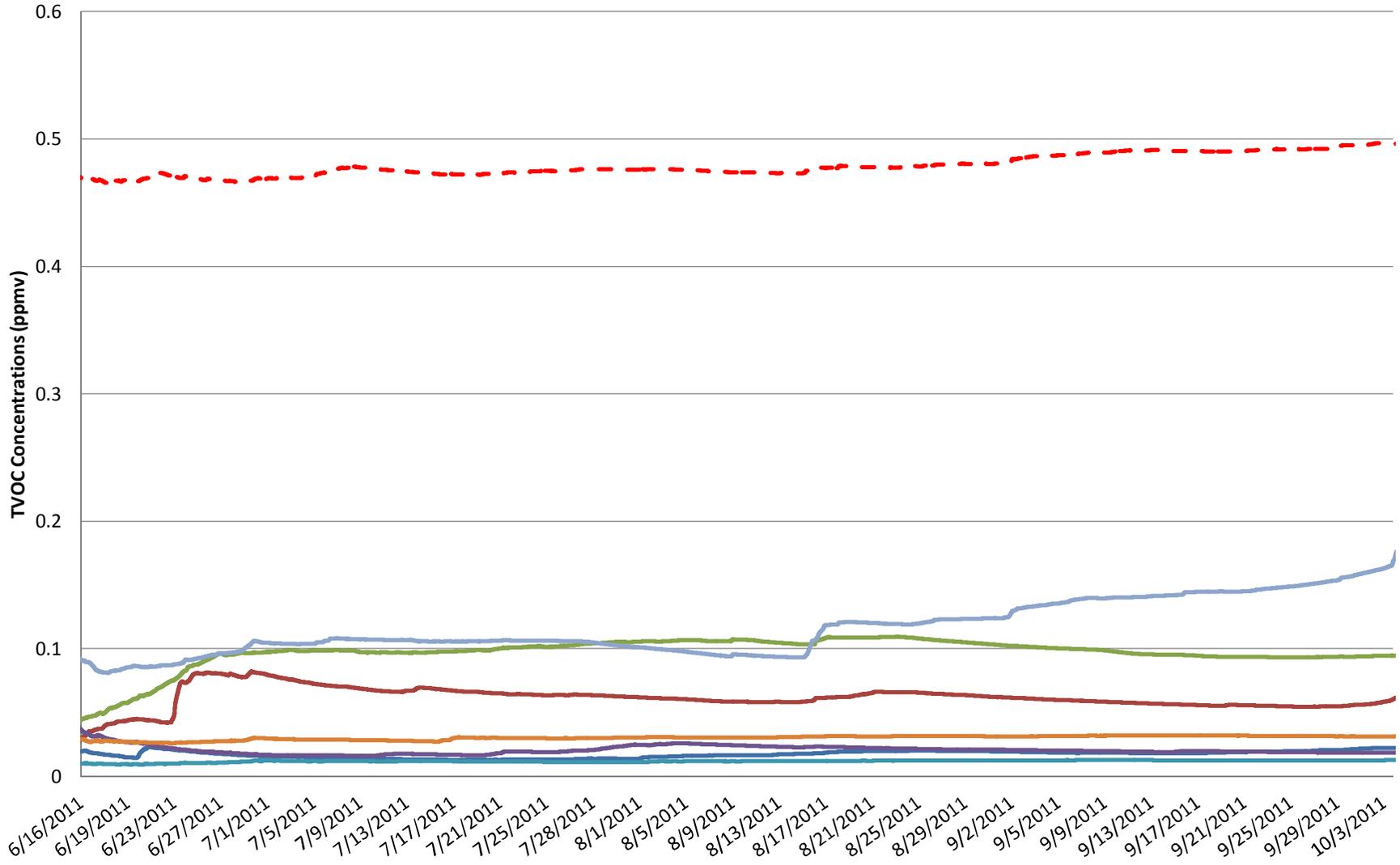


FIGURE 8

RPM10 Running Average Since 06/16/11

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> — Station 1 (no misters) — Station 4 (no misters) — Station 7 (no misters) | <ul style="list-style-type: none"> — Station 2 (no misters) — Station 5 (no misters) - - - Subchronic Action Level with misters | <ul style="list-style-type: none"> — Station 3 (includes misters) — Station 6 (no misters) - - - Subchronic Action Level without misters |
|---|--|---|

Note: 10/3/11 Subchronic Action Level during working hours 7:30-17:30=Background from upwind stations+Subchronic Action level for Saturated Zone(17)
 +Mister effects(today's values 7:30AM-12:30PM: 6 12 :30PM-9:30PM: 11)
 Action level for non working hours & weekend=50 (BAAQMD Regulatory value)

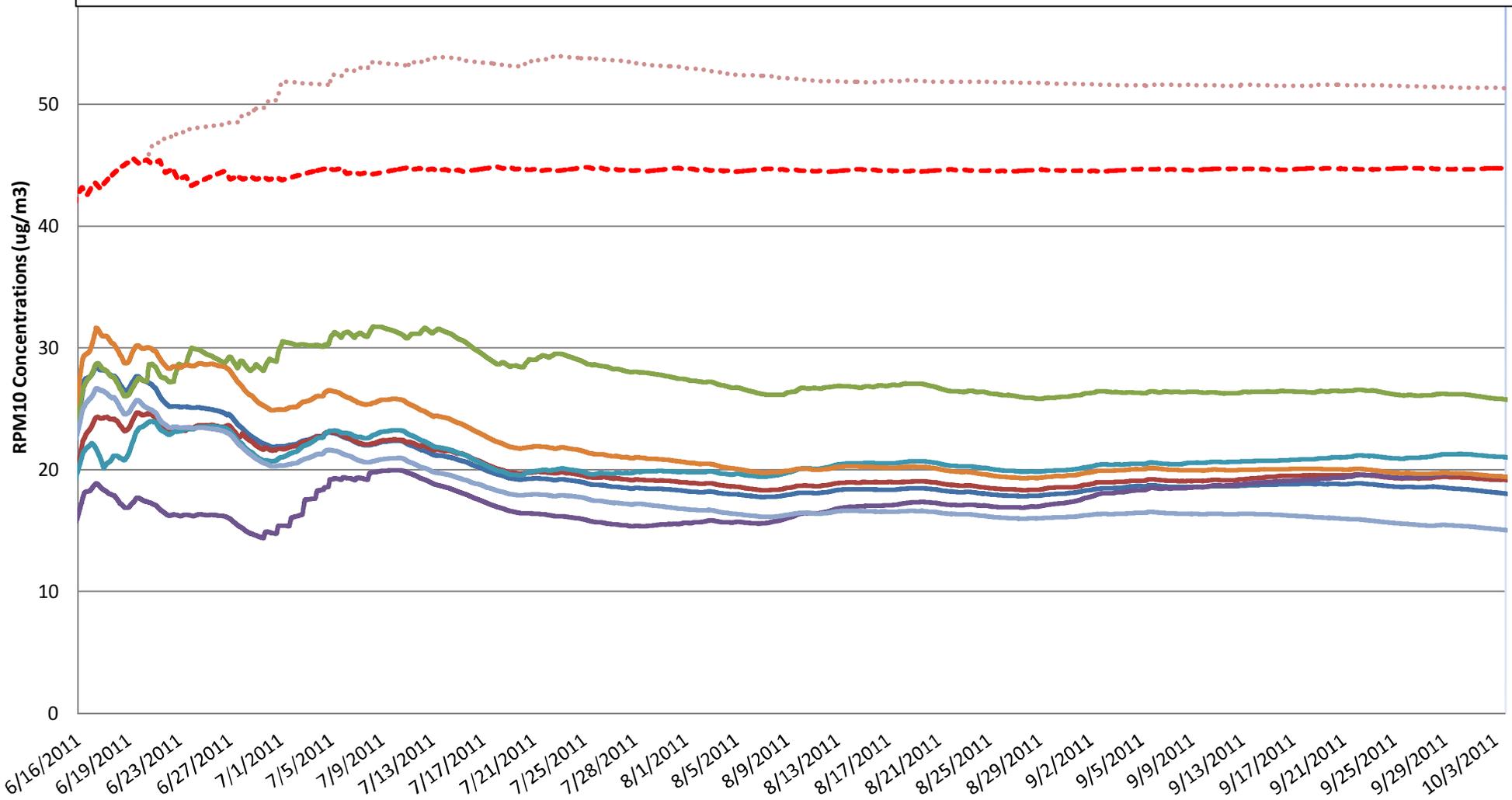


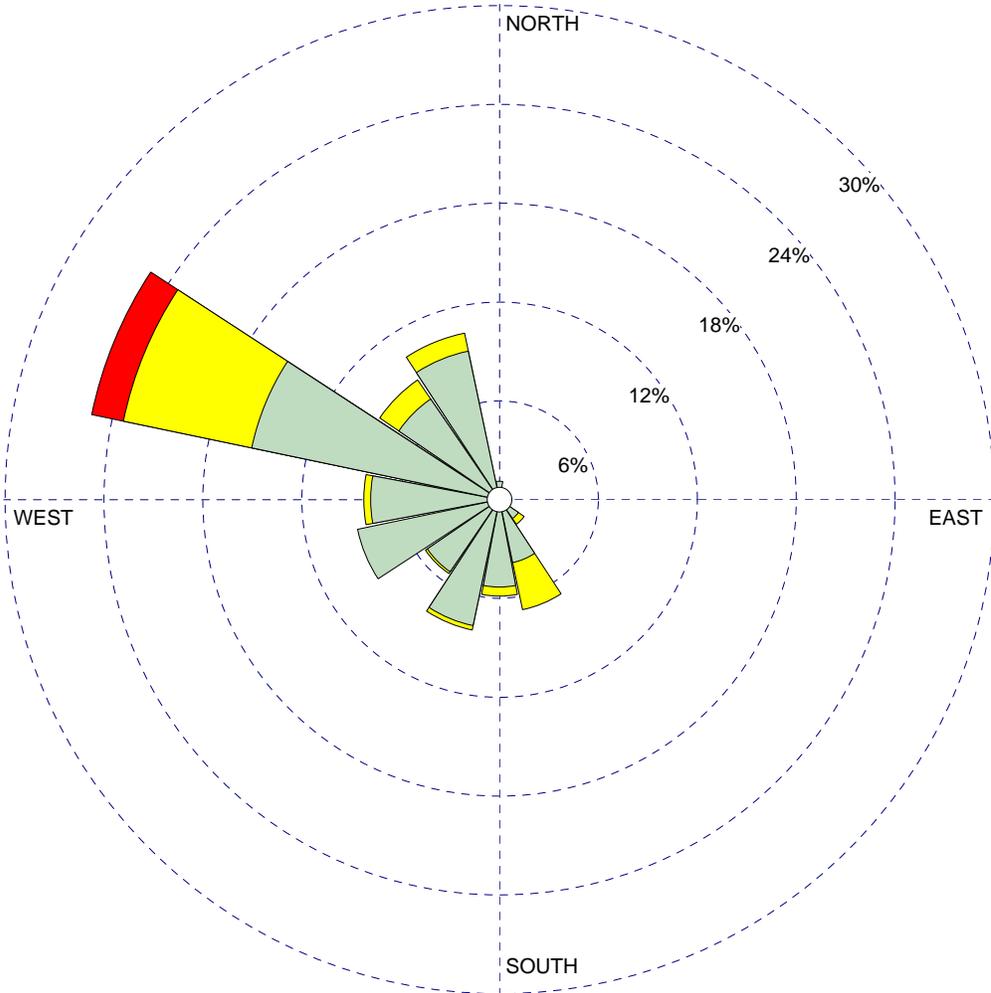
FIGURE 9

WIND ROSE PLOT:

Station #SW

DISPLAY:

**Wind Speed
Direction (blowing from)**



WIND SPEED
(m/s)

- 5.5 - 6.9
- 3.9 - 5.4
- 2.4 - 3.8
- 1.9 - 2.3
- 1.4 - 1.8
- < 1.4

Calms: 2.11%

COMMENTS:

DATA PERIOD:

**Start Date: 9/1/2011 - 00:00
End Date: 9/30/2011 - 23:00**

COMPANY NAME:

MODELER:

CALM WINDS:

2.11%

TOTAL COUNT:

718 hrs.

AVG. WIND SPEED:

1.39 m/s

DATE:

10/12/2011

PROJECT NO.: