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

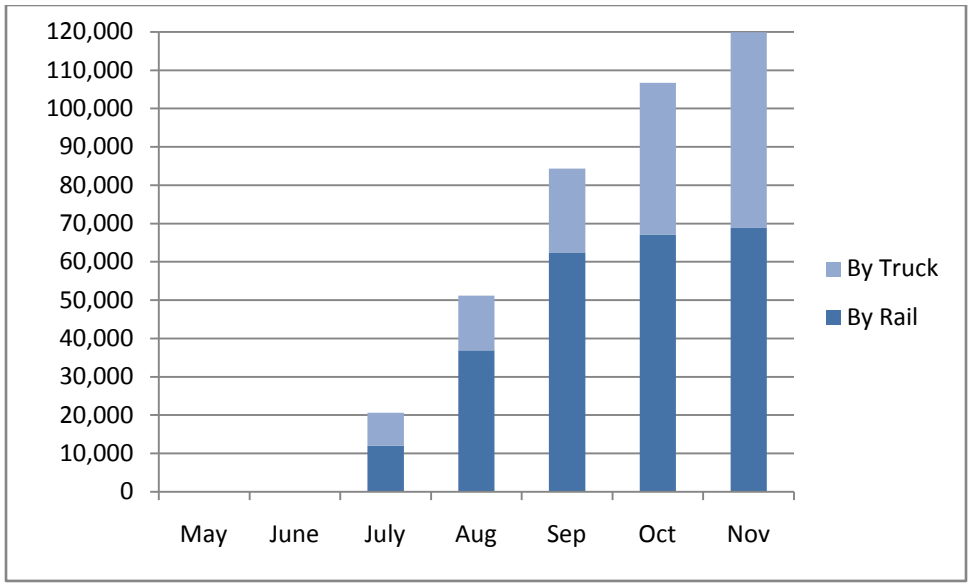
- Dust vapor and odor control measures continued to operate during working hours. Control measures include: windscreens, water with surfactant spray/mist systems, and dust suppressants, including HydroSeal on stockpile surfaces. The east side misters along Horton Street have been off since the third week of October and dust control method in this area has since consisted of periodic wetting of soil with water trucks. Misters were maintained along the south side of the excavation for additional dust and vapor control measure, as necessary.
- 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 and Sherwin Street (not part of truck haul route) continued to occur on days when trucks were importing and/or exporting.
- Soil handling activities during the month of November consisted primarily of backfill import and compaction; perimeter air monitoring actions were maintained during these activities without east side misters. A total of approximately 59,000 cubic yards (CY) of imported clean low hydraulic conductivity backfill soil (low k materials) and 4,700 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 November, approximately 80% 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 November:

- During the month of November, excavation in the saturated soil layers was completed along Horton Street. Figures 1 through 7 show excavation layers 4 through 8 and include dates of when each area was excavated. Remaining excavation includes vadose zone layers, depicted in Figures 2 and 3, and selected saturated soils along permeable materials extending beyond the areas presented in the RDIP with As concentrations in groundwater exceeding 1.0 milligram per liter (mg/l).

- Excavation of the saturated zone source area, as presented in the RDIP, was completed by November 1. At the end of November, remaining excavation consisted of vadose zone soils in the western portion of the main excavation area and vadose zone "hot spots", and trench excavations.
- By the end of November, approximately 91% of the anticipated material to be excavated had occurred.
- The first section of the slurry wall extension was initiated on October 24 and completed on November 02. The second of two sections is planned for installation in December.
- Two of the three planned slurry wall breaches were completed in November. The third breach is planned for installation in December.
- 8 rail cars containing category 2 excavated materials (approximately 875 tons) were transported, under manifest, to ECDC in Carbondale, UT on November 11.
- 9 rail cars containing category 2 excavated materials (approximately 985 tons) were transported, under manifest, to ECDC in Carbondale, UT on November 14.
- Throughout November, stockpiling of excavated material was segregated by material types, prior to sampling and loading for offsite transport. Rail cars transported hazardous excavated materials to disposal facilities in Utah via adjacent rail lines. Trucks transported non-hazardous excavated materials to disposal facilities via surface streets and adjacent highways to local landfills in Alameda and Contra Costa counties. The chart below shows accumulated tonnage transported offsite through the end of November 2011.

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



Total truck loads out:	508	in this month;	2,122	total.
Total rail car loads out:	17	in this month;	630	total.

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

- Groundwater was pumped from a sump installed in the southwest corner of the excavation. Seepage into the excavation 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 varied between 7 and 33 gpm with a discharge of approximately 15 gpm during the month. This is approximately half the flow compared the previous month; the decline is due to progress of excavation and backfill activities.
- Groundwater levels were measured weekly in November at selected onsite and offsite wells. Water levels in the Rifkin property wells surrounding just north of the excavation had dropped between approximately 3.5 and 4.5 feet in late October since dewatering of the excavation began. In November, as dewatering rates decreased due to progression of backfill activities on Rifkin property and proceeding south on the S-W property, the water levels in the Rifkin property wells have been rising. At the end of November, they were between approximately 2.5 and 3.5 feet lower compared to pre-dewatering conditions.
- Continued to implement Storm Water Pollution Prevention Plan (SWPPP) controls during Remedial Action.
- Several days of measureable precipitation occurred in November. During these days, and in accordance with EBMUD permit requirements, discharge to the sanitary sewer was temporarily ceased. Treated water was stored onsite during this time and, as needed, hauled offsite by truck to EBMUD wastewater plant.

3. Perimeter Air Monitoring Results

- Seven air monitoring stations (AMS) 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 November 2011, with minor interruptions as described below.
- 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 November. 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 November.
- 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 November 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 November is shown in Figure 10.
- Due to the breach construction at the location of AMS#7, the station was relocated further south approximately 100 ft.
- Due to varying upwind conditions as a result of the relocation of AMS#7, the site background dust levels are calculated using an average of upwind PM10 concentrations.
- On November 11, dust monitor at AMS#1 was disconnected from power supply and communications during unit maintenance and replacement in the evening. The dust monitor remained disconnected over the weekend. No intrusive activities took place over the weekend and power and communications were restored on November 14 morning once the power disconnect was discovered.
- Elevated TVOC readings were observed at AMS#3 during first half of the month of November. The readings were present overnight and during the weekend and did not seem related to onsite activities, as no exposed excavation was present adjacent to Horton Street, in the vicinity of AMS#3. In response to continued elevated TVOC readings observed at AMS #3, ground level samples were collected in the vicinity of AMS #3. TVOC readings collected with a handheld PID adjacent to the construction wall along Horton Street were all non-detect (0.00 ppm). On November 15, the photo-ionization device at AMS #3 was replaced and subsequent TVOC readings were similar to site-wide readings ranging from 0.00 ppm to 0.04 ppm.
- On November 16, the AMS computer was inadvertently disconnected from power at the end of the day. The AMS experienced communication and logging failure over the evening of the 16th to the morning of the 17th. All data was recovered from the monitoring stations and from the logging system on the weather station on November

17. Real time air quality monitoring was only minimally impaired because the shutdown occurred while no site activities was occurring. Due to efforts involved in data retrieval air quality monitoring instruments were not calibrated on November 17. No adverse effect on quality of air monitoring data is anticipated due to lack of calibration. Air quality monitoring instruments were calibrated on November 18.

4. Other Project News

- Applied touch-up paint as needed to address several graffiti tags.
- Completed removed of shoring wall system.

5. Coming up Next in December

- Continued excavation of remaining vadose zone soils (above elev. +10) in the western portion of the main excavation area. This area is estimated to be approximately 4 feet in thickness and extents approximately 50 feet to the west of the deeper (to elev. -11) excavation area.
- In accordance with established remedial objectives, excavate permeable materials observed in saturated soil side walls having over 4 feet of aggregate thickness.
- The remaining excavation of the vadose and saturated soils is projected to generate both hazardous and non-hazardous material for transport and disposal. Hazardous material will continue to be transported off site by rail car.
- Completion of slurry wall breaches #1 and #2 soil cover and installation of slurry wall breach #3.
- The second of two slurry wall extension sections is planned for installation in December, along with the surface cap/cover for the entire extension.
- Interceptor trench and membrane barrier construction on north property line adjacent to Novartis property is planned for start in late November and to be completed in December.
- 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.
- Dust and vapor control, and perimeter air monitoring will continue throughout the month of December.

- 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.
- Conduct weekly (during remedy implementation) groundwater level measurements and quarterly (during remedy implementation) groundwater sampling event.
- Communications, outreach to area residents and monitoring of and response to hotline calls will continue.

6. Communication

- The project team is committed to responding to direct communication from community members.
- There was no direct communication received during the month of November.

7. Community Telephone Complaint Hotline

- Three hotline calls were received during the month of November. The calls were from the same individual and all were related to questions about work occurring on the weekends. The nature of the calls and the follow up information that was provided are listed below:

  "Working at the Plant digging on November 19 at 11:00 a.m."

  "Request a call regarding work being performed at the Site, on November 19 at 11:00 a.m.

  "Has called several times, Is Hotline broken, on November 21 at 5:30 p.m.

  Between the hotline call and November 22, several return calls were made and voicemails left before reaching the caller. On November 22, representatives from the project site talked to the caller and confirmed with the caller the activities which occurred during the morning of Saturday, November 19, 2011. During that morning, standard and needed equipment maintenance was being conducted. This routine maintenance included moving of fuel and lubricating oils with both a forklift and a small bobcat to the larger equipment (i.e., excavator). In addition, the bobcat was used to clean up the concrete pavement surrounding the large excavator to assure safe footing during maintenance on the equipment. The cleanup on the concrete was done to

remove minor amounts of tracked soil mixed with the dust suppressant sealer applied prior to the weekend.

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

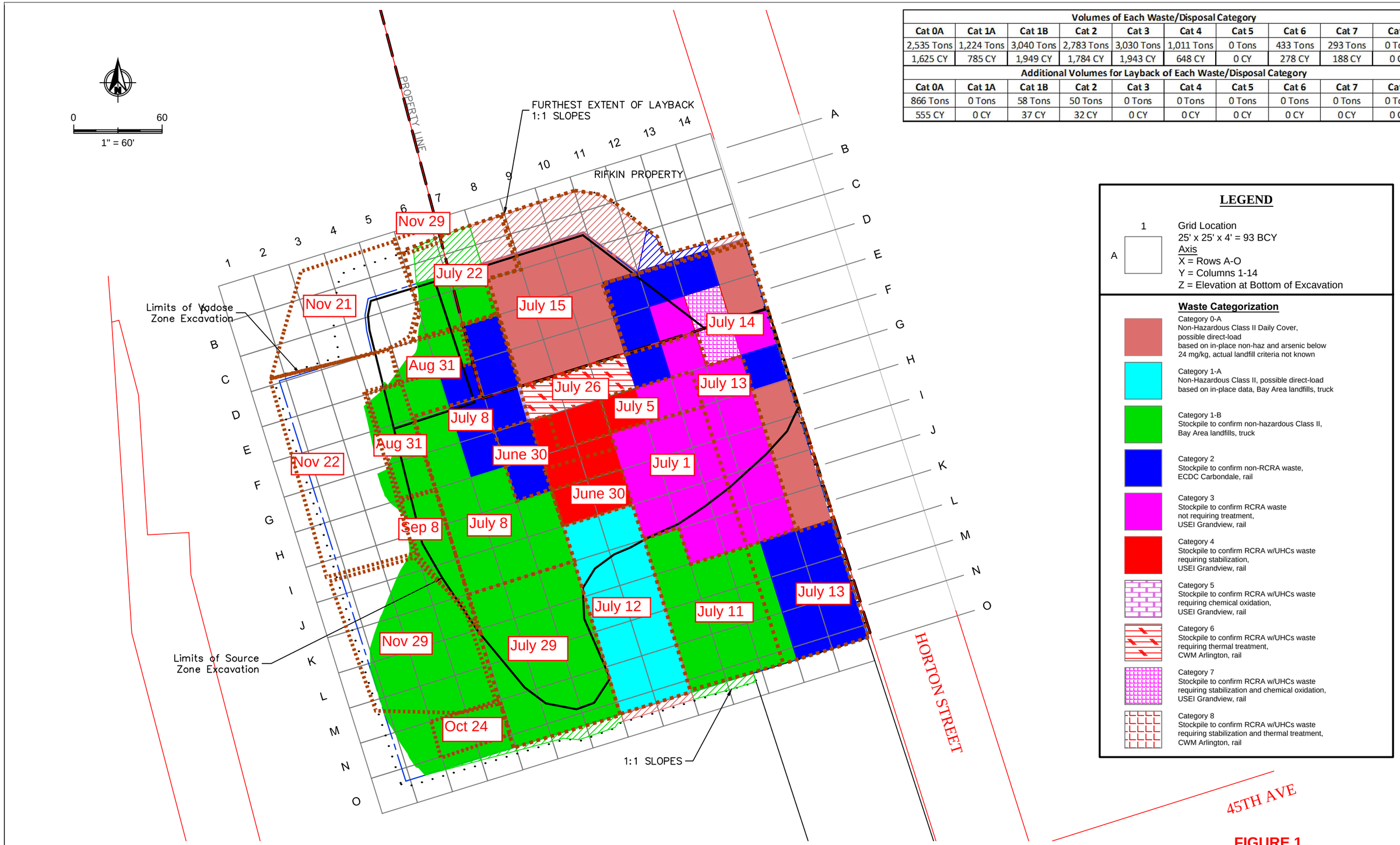


FIGURE 1

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

SHEET NO. EX-3

DRAWN BY: J. Stone	LOCATION: Emeryville, CA.	DWG NO. 1483001–Soil Class Excav 110304
REVIEWED BY: T. Maestas	SCALE: 1" = 60' / DATE: 03–18–2011	SHEET: 3 of 11 / REV: 0

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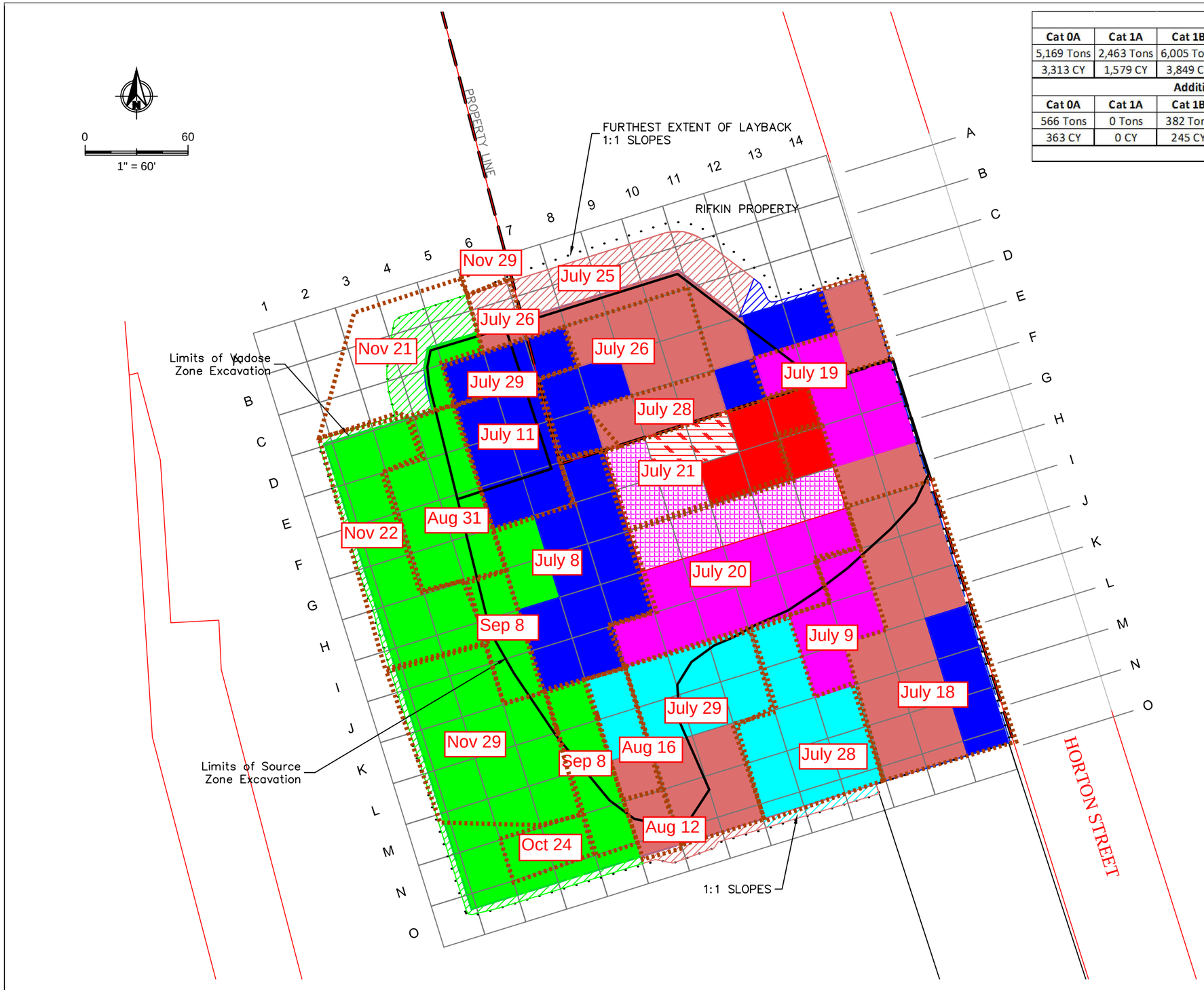
Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
5,169 Tons	2,463 Tons	6,005 Tons	4,089 Tons	2,889 Tons	722 Tons	0 Tons	289 Tons	1,156 Tons	0 Tons
3,313 CY	1,579 CY	3,849 CY	2,621 CY	1,852 CY	463 CY	0 CY	185 CY	741 CY	0 CY
Additional Volumes 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 / A — 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

FIGURE 2

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 3
Elevation +14 to +10

SHEET NO. EX- 4

DRAWN BY: J. Stone	LOCATION: Emeryville, CA.	DWG NO. 1483001–Soil Class Excav 110304
REVIEWED BY: T. Maestas	SCALE 1" = 60' / DATE 03–18–2011	SHEET 4 of 11 / REV 0

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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
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	

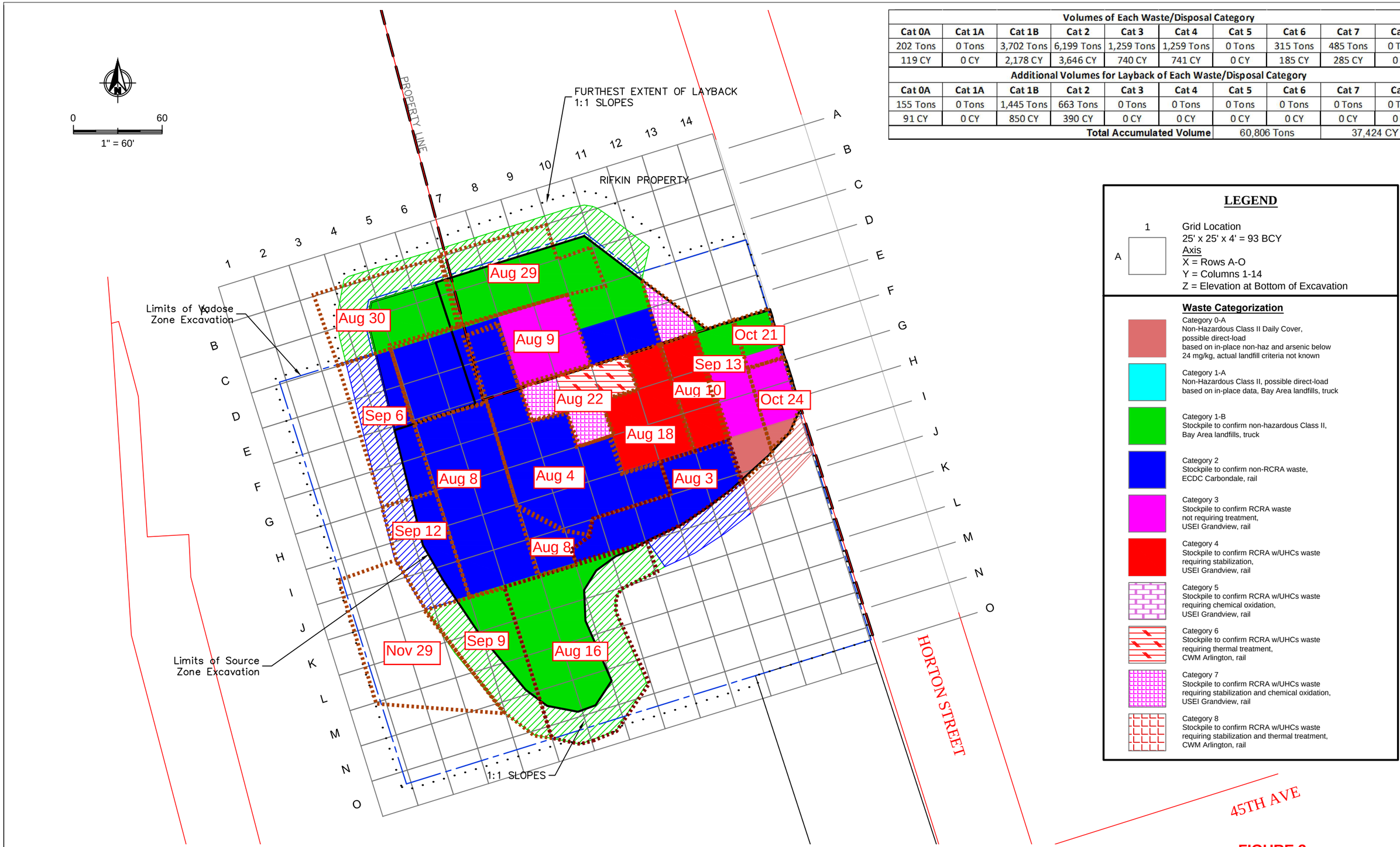

FIGURE 3

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 4
Elevation +10 to +6

SHEET NO.: EX-5

DRAWN BY:	LOCATION:	DWG NO.
J. Stone	Emeryville, CA.	1483001–Soil Class Excav 110304

REVIEWED BY:	SCALE	DATE	SHEET	REV
T. Maestas	1" = 60'	03–18–2011	5 of 11	0

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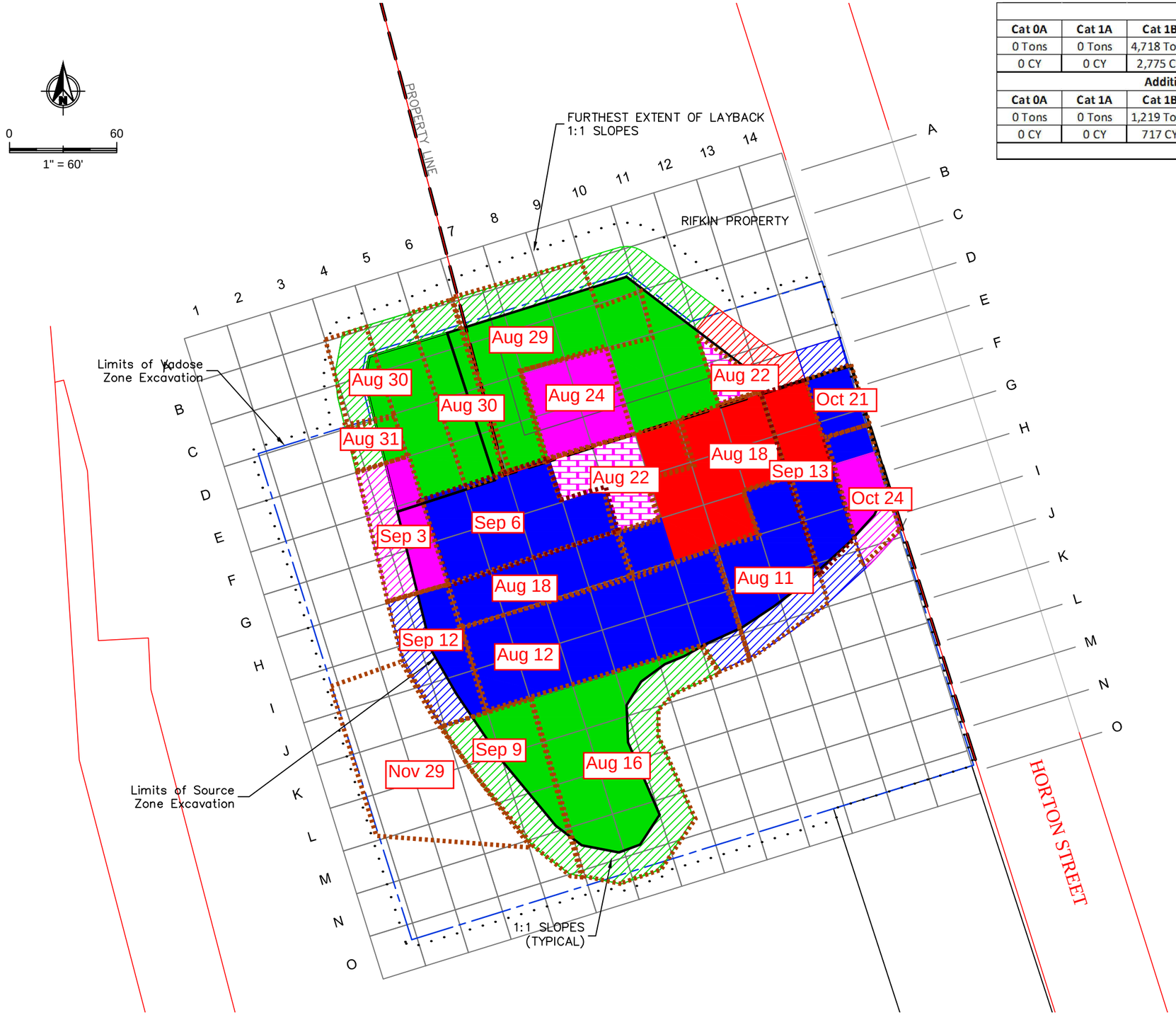
Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	0 Tons	4,718 Tons	5,343 Tons	1,135 Tons	1,574 Tons	651 Tons	0 Tons	0 Tons	0 Tons
0 CY	0 CY	2,775 CY	3,143 CY	667 CY	926 CY	383 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each 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

1 / A — 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
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FIGURE 4

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EMERYVILLE, CA

PREPARED BY:
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1687 EUREKA ROAD, SUITE 200
ROSEVILLE, CA 95661

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

TITLE: Excavation Layer 5
Elevation +6 to +2

SHEET NO. EX-6

DRAWN BY: J. Stone	LOCATION: Emeryville, CA.	DWG NO. 1483001–Soil Class Excav 110304
REVIEWED BY: T. Maestas	SCALE 1" = 60' / DATE 03–18–2011	SHEET 6 of 11 / REV 0

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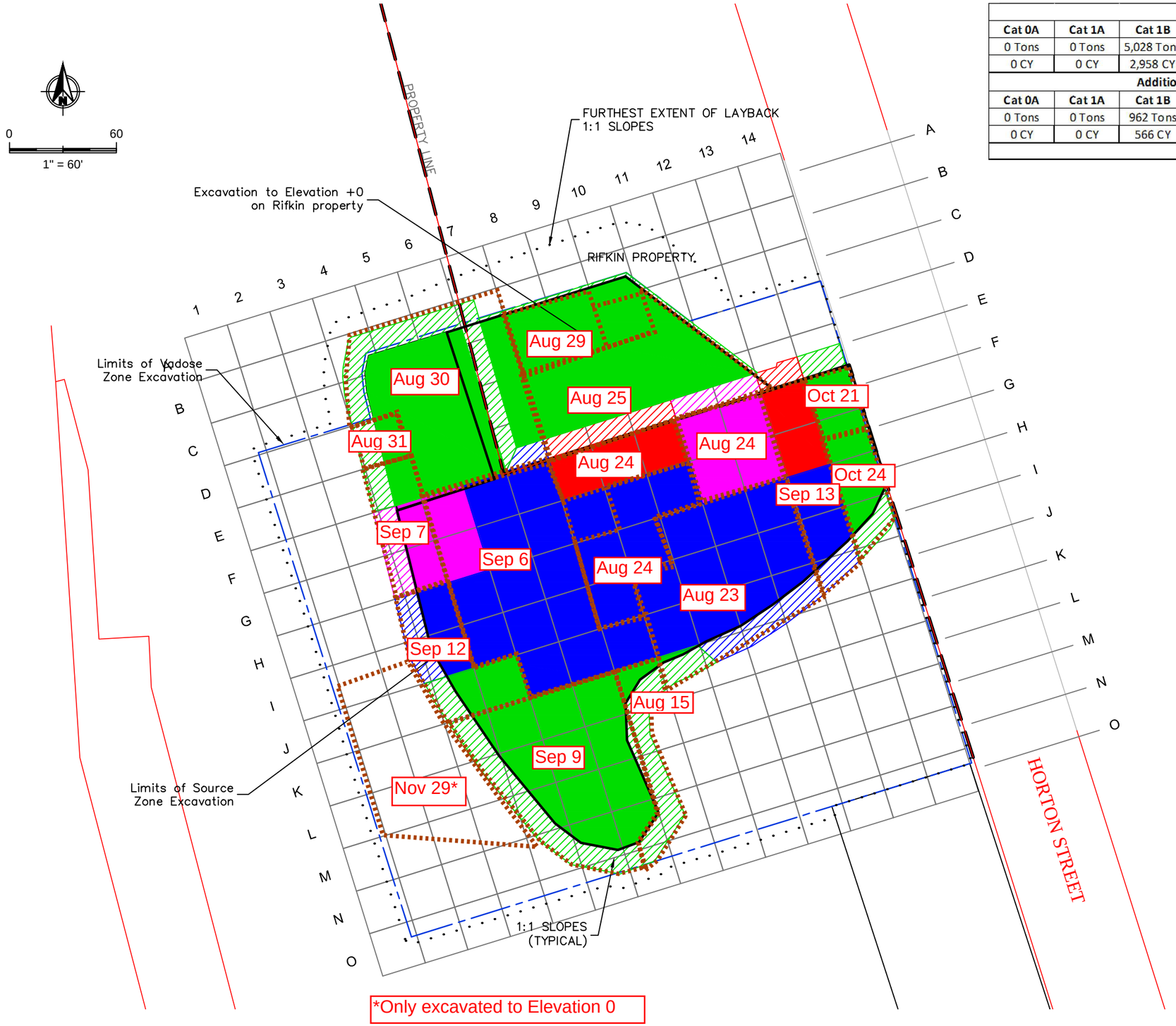
Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	0 Tons	5,028 Tons	5,107 Tons	1,149 Tons	787 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	0 CY	2,958 CY	3,004 CY	676 CY	463 CY	0 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal 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

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

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FIGURE 5

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PREPARED BY:
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1687 EUREKA ROAD, SUITE 200
ROSEVILLE, CA 95661

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

TITLE: Excavation Layer 6
Elevation +2 to -2

SHEET NO. EX-7

DRAWN BY: J. Stone	LOCATION: Emeryville, CA.	DWG NO. 1483001–Soil Class Excav 110304
REVIEWED BY: T. Maestas	SCALE 1" = 60' / DATE 03–18–2011	SHEET 7 of 11 / REV 0

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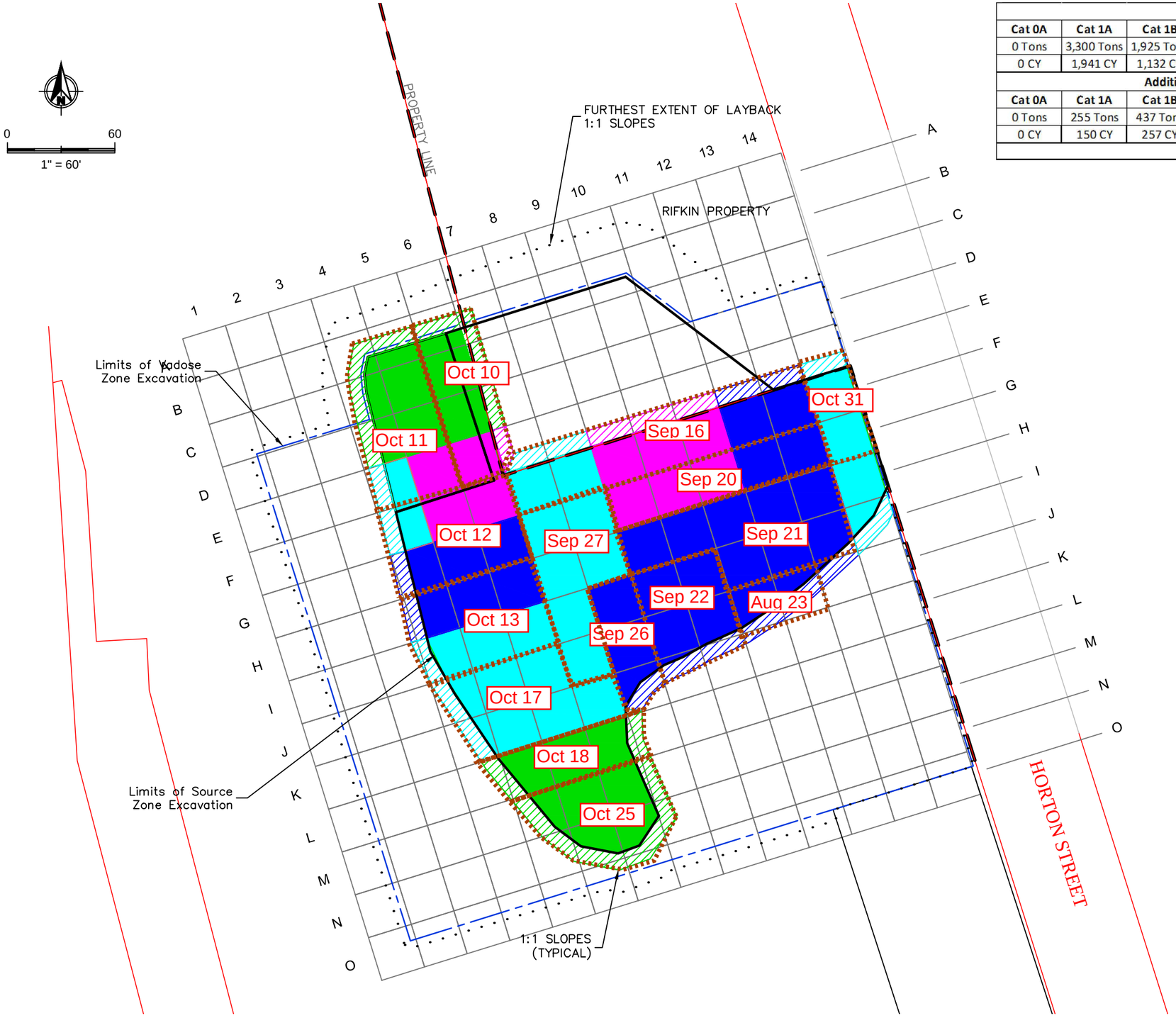
Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
0 Tons	3,300 Tons	1,925 Tons	3,921 Tons	1,574 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
0 CY	1,941 CY	1,132 CY	2,306 CY	926 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each 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 / A — Grid Location
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Axis
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Z = Elevation at Bottom of Excavation

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- 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

FIGURE 6

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 7
Elevation -2 to -6

SHEET NO. EX-8

DRAWN BY: J. Stone	LOCATION: Emeryville, CA.	DWG NO. 1483001–Soil Class Excav 110304
REVIEWED BY: T. Maestas	SCALE 1" = 60' / DATE 03–18–2011	SHEET 8 of 11 / REV 0

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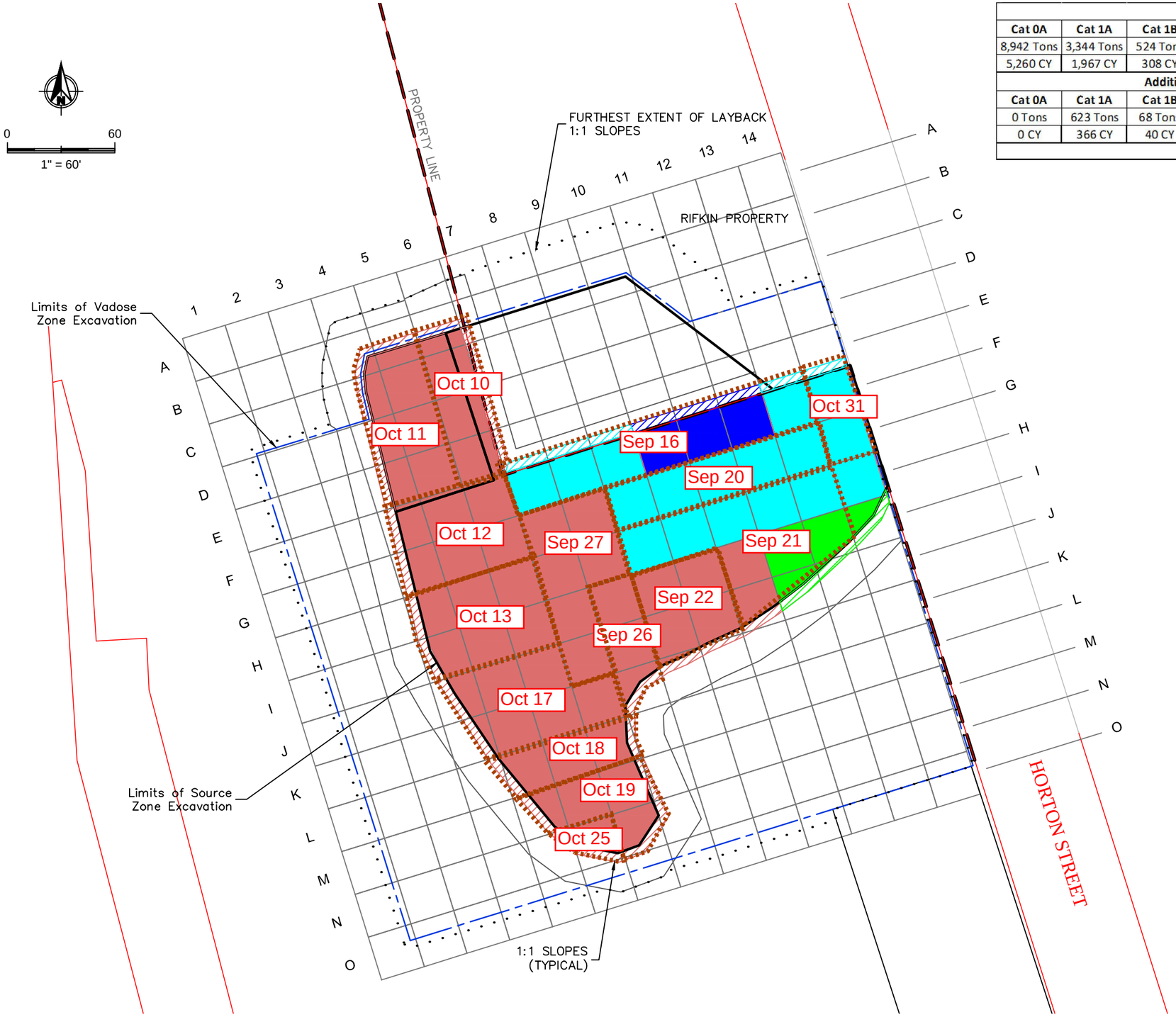
Volumes of Each Waste/Disposal Category									
Cat 0A	Cat 1A	Cat 1B	Cat 2	Cat 3	Cat 4	Cat 5	Cat 6	Cat 7	Cat 8
8,942 Tons	3,344 Tons	524 Tons	590 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons	0 Tons
5,260 CY	1,967 CY	308 CY	347 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Additional Volumes for Layback of Each Waste/Disposal 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 / A — 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

FIGURE 7

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 8
Elevation -6 to -11

SHEET NO. EX-9

DRAWN BY: J. Stone	LOCATION: Emeryville, CA.	DWG NO. 1483001–Soil Class Excav 110304
REVIEWED BY: T. Maestas	SCALE 1" = 60' / DATE 03–18–2011	SHEET 9 of 11 / REV 0

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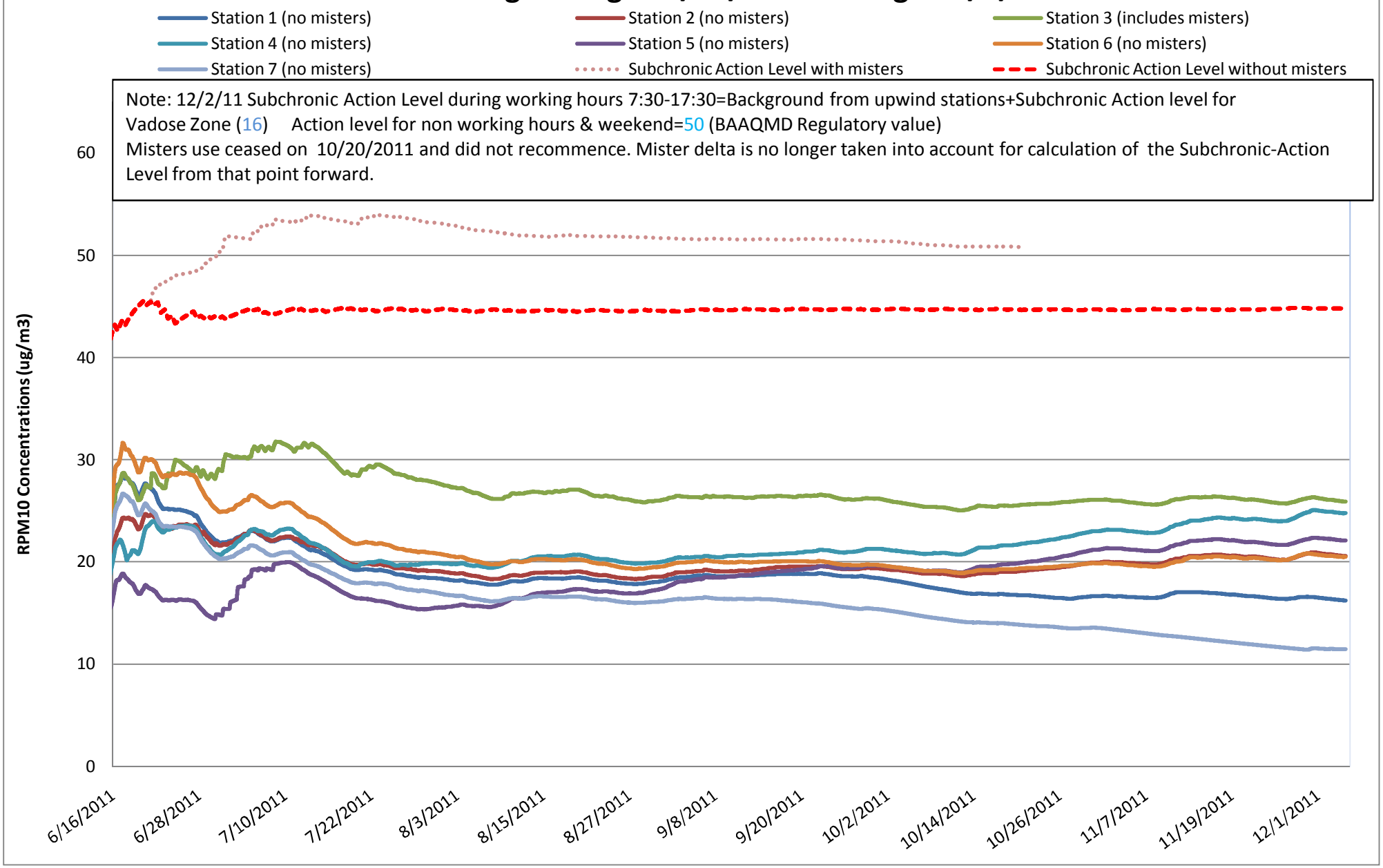
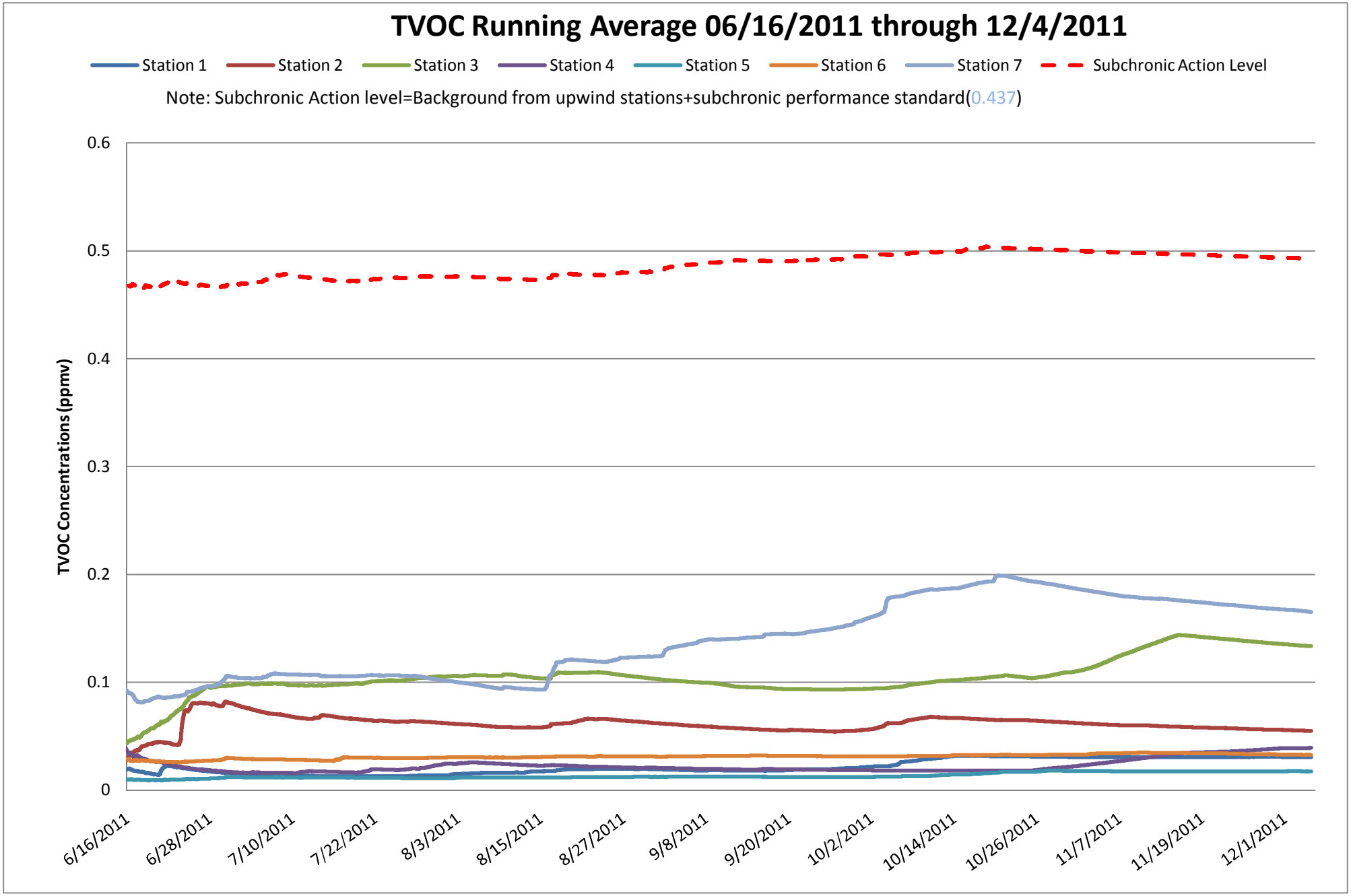
RPM10 Running Average 06/16/2011 through 12/4/2011



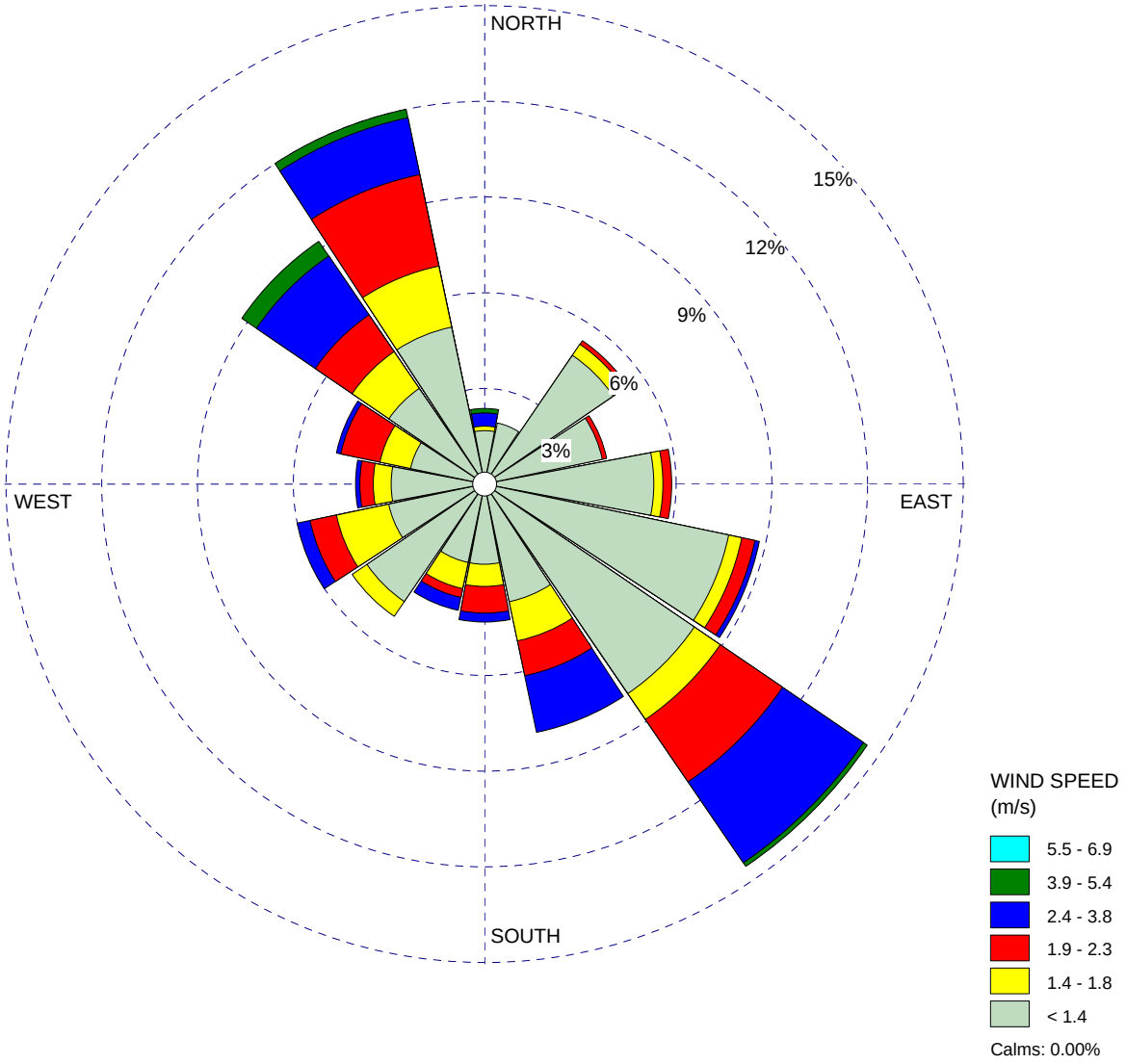

TVOC Running Average 06/16/2011 through 12/4/2011
Station 1
Station 2
Station 3
Station 4
Station 5
Station 6
Station 7
Subchronic Action Level
Note: Subchronic Action level=Background from upwind stations+subchronic performance standard(0.437)
TVOC Concentrations (ppmv)
0.6
0.5
0.4
0.3
0.2
0.1
0
6/16/2011
6/28/2011
7/10/2011
7/22/2011
8/3/2011
8/15/2011
8/27/2011
9/8/2011
9/20/2011
10/2/2011
10/14/2011
10/26/2011
11/7/2011
11/19/2011
12/1/2011

WIND ROSE PLOT:

Station #SW

DISPLAY:

Wind Speed
Direction (blowing from)



COMMENTS:	DATA PERIOD:	COMPANY NAME:	
	Start Date: 11/1/2011 - 00:00 **End Date: 11/30/2011 - 23:00**	MODELER:	
	CALM WINDS: **0.00%**	TOTAL COUNT: **718 hrs.**	
	AVG. WIND SPEED: **1.27 m/s**	DATE: **12/14/2011**	PROJECT NO.:

WRPLOT View - Lakes Environmental Software