SITE OBSERVATION REPORT – ISGS Pilot Test Work Plan Implementation – Day 7

LANGAN

PROJECT No.:	170390001	**CLIENT:**	**DATE:**	Wednesday, 23 October 2024	
PROJECT:	141 3rd Street	Third Street Owner LLC and 155 Third St., LLC	**WEATHER:**	Partly Cloudy, 64-74 ^{0}F Wind: SSW @ 3-7 mph	
LOCATION:	Brooklyn, New York		**TIME:**	9:30 a.m. – 4:15 p.m.	
BCP SITE ID:	C224336		**MONITOR:**	Adam R. Spaulding	

EQUIPMENT:
Peristaltic Pump
Solinst Oil-Water Interface Probe
Photoionization Detector
Hand Tools

PRESENT AT SITE:
Langan: Adam R. Spaulding
Monadnock: John Henry
New Leaf (Development/Drilling Contractor): Joe Sullivan, Jose Gomez
New York State Department of Environmental Conservation: Monica Pula (WSP)

OBSERVATIONS, DISCUSSIONS, TEST RESULTS, ETC.:
Langan was onsite to document implementation of the New York State Department of Environmental Conservation (NYSDEC)-approved In-Situ Geochemical Stabilization (ISGS) Pilot Test Work Plan dated 9 September 2024.

Site Activities

- Langan used an interface probe to screen for the presence of dense non-aqueous phase liquid (DNAPL) in monitoring well PTMW01 and photoionization detector (PID) to screen the monitoring well headspace. The headspace of the monitoring well was recorded at 12.3 parts per million (ppm) and about 5 feet of DNAPL was measured within the well sump.
    - Langan used a peristaltic pump to remove DNAPL from PTMW01. About 2 gallons of DNAPL was recovered and drummed pending future off-site disposal.
- Following DNAPL removal, Langan gauged PTMW01 every 30 minutes for 4 hours to measure the rate of DNAPL recharge.
- New leaf graded an about 80-foot-wide area by 60-foot-long area of previously imported stone in the southeastern part of the site to create a level surface for equipment storage.

Sampling

- None

Community Air Monitoring Plan (CAMP) Activities

- Langan conducted real-time air monitoring for volatile organic compounds (VOC) and particulate matter smaller than 10 microns in diameter (PM10) at upwind and downwind perimeters of the work area during ground-intrusive activities. The 15-minute time-weighted average (TWA) action levels for VOCs and PM10 were not exceeded during the monitoring period.

Material Tracking

- One 55-gallon drum containing purged groundwater and DNAPL is staged in the east-central part of the site.
- Two 55-gallon drums containing decontamination fluid and purged groundwater are staged in the east-central part of the site.
- Six 55-gallon drums containing soil cuttings are staged in the eastern part of the site.
- One 55-gallon drum containing soil cuttings is staged in the southern part of the site.

Anticipated Activities

- New Leaf will continue to mobilize equipment to site.

SITE PHOTOGRAPHS:

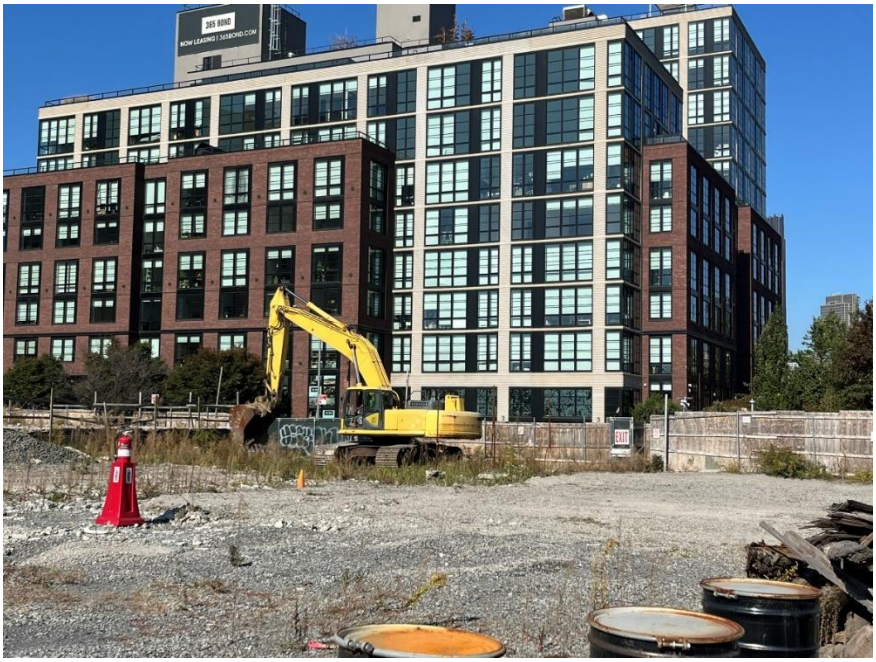
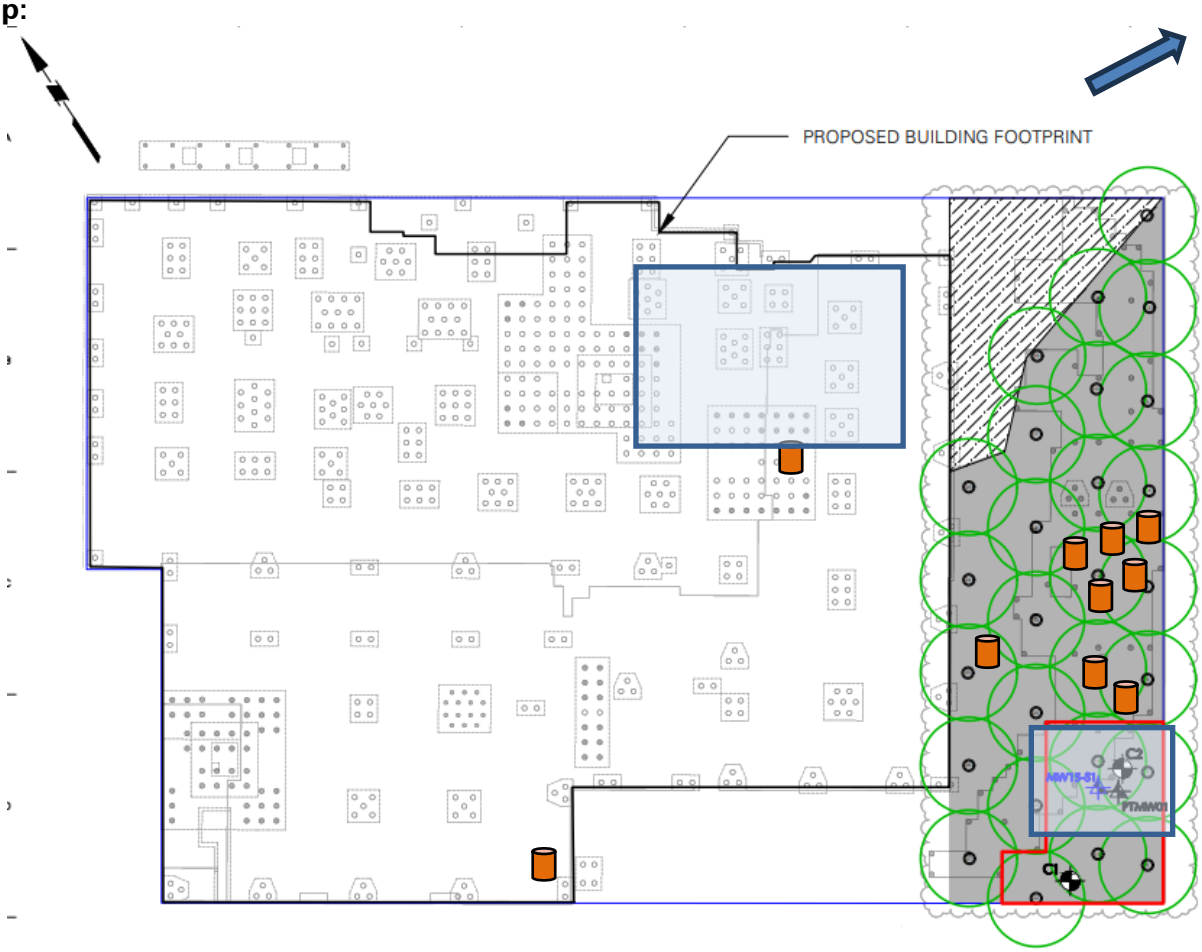


Photo 1: New Leaf grading future equipment area in the northeastern part of the site (facing north)



Photo 2: View of DNAPL being recovered from PTMW01 in the southeastern part of the site (facing north)

Site Map:



LEGEND:

- APPROXIMATE SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- APPROXIMATE PROPOSED EXTENT OF ISGS AREA BETWEEN EL. -19± TO EL. -23±
- APPROXIMATE PROPOSED EXTENT OF ISGS SUPPORT/LAYDOWN AREA
- APPROXIMATE PROPOSED TEMPORARY DIRECT-PUSH INJECTION POINT LOCATION
- APPROXIMATE ROI (13-FOOT RADIUS, 25-FOOT SPACING)
- C1 APPROXIMATE PROPOSED PILOT TEST QA/QC CORE LOCATION
- APPROXIMATE ISGS PILOT TEST AREA
- MW15-S1 EXISTING MONITORING WELL LOCATION
- PTWM01 PROPOSED MONITORING WELL LOCATION

COMPLETED WORK KEY

- Approximate work area
- Approximate location of upwind CAMP station
- Approximate location of downwind CAMP station
- Approximate location of drum
- Approximate wind direction

Base map prepared by Dattner Architects, dated 3/12/2024

LANGAN

141 3rd Street
170390001
CAMP Data Summary

Date: 10/23/2024
Start: 10:11
End: 15:30
Observer: Adam Spauling

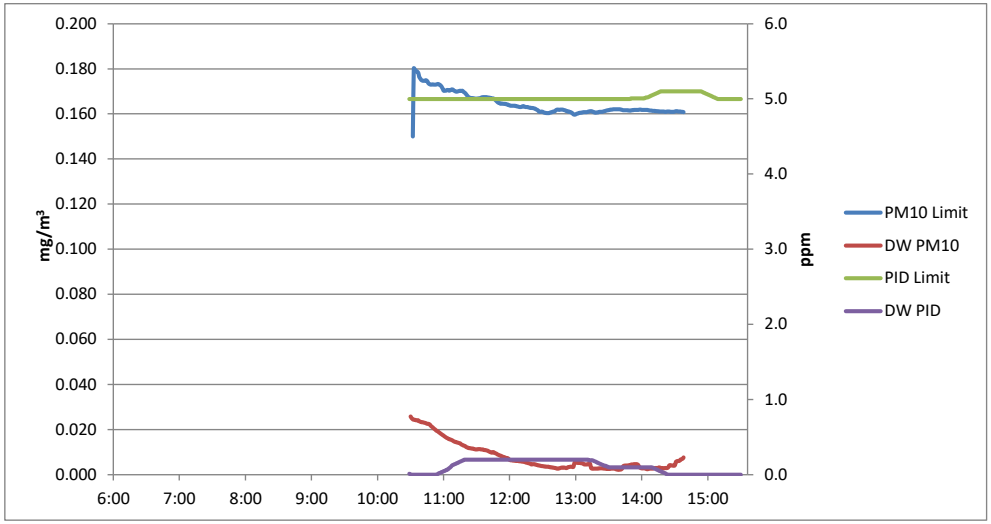
UPWIND - UW
DOWNWIND - DW

Particulate Monitoring		
	UW	**DW**
Daily Average	0.014	0.004
Minimum 15min Average	0.009	0.001
Maximum 15min Average	0.030	0.026
Exceedance (15min >.15)	NA	0
Minimum 1min Reading	0.001	0.001
Maximum 1min Reading	0.049	0.032

NA - Not applicable, upwind unit used for background concentrations
All reported units are mg/m^3 or milligrams per cubic meter unless specified otherwise

Organic Vapor Monitoring		
	UW	**DW**
Daily Average	0.0	0.1
Minimum 15min Average	0.0	0.0
Maximum 15min Average	0.1	0.2
Exceedance (15min >5)	NA	0
Minimum 1min Reading	0.0	0.0
Maximum 1min Reading	0.1	0.2

NA - Not applicable, upwind unit used for background concentrations
All reported units are ppm or parts per million unless specified otherwise



Wednesday, October 23, 2024						
Number of Instances Where Downwind Particulates Exceeds Upwind Particulate + 150 =						0
Number of Comparable Data Points =						274
Start Time:						10:16
End Time:						14:59
PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
10:16			10:16	0.033		
10:17			10:17	0.031		
10:18			10:18	0.029		
10:19			10:19	0.028		
10:20			10:20	0.026		
10:21			10:21	0.025		
10:22			10:22	0.025		
10:23	0.049		10:23	0.03		
10:24	0.035		10:24	0.024		
10:25	0.028		10:25	0.023		
10:26	0.027		10:26	0.022		
10:27	0.024		10:27	0.023		
10:28	0.024		10:28	0.022		
10:29	0.026		10:29	0.024		
10:30	0.036		10:30	0.023	0.026	
10:31	0.035	0.030	10:31	0.022	0.025	-
10:32	0.026	0.030	10:32	0.022	0.025	-
10:33	0.023	0.029	10:33	0.027	0.024	-
10:34	0.022	0.029	10:34	0.027	0.024	-
10:35	0.024	0.028	10:35	0.024	0.024	-
10:36	0.024	0.026	10:36	0.025	0.024	-
10:37	0.022	0.026	10:37	0.024	0.024	-
10:38	0.021	0.025	10:38	0.023	0.024	-
10:39	0.021	0.025	10:39	0.021	0.023	-
10:40	0.021	0.025	10:40	0.021	0.023	-
10:41	0.023	0.025	10:41	0.021	0.023	-
10:42	0.023	0.025	10:42	0.021	0.023	-
10:43	0.024	0.025	10:43	0.02	0.023	-
10:44	0.03	0.024	10:44	0.022	0.023	-
10:45	0.03	0.023	10:45	0.019	0.023	-
10:46	0.023	0.023	10:46	0.022	0.023	-
10:47	0.019	0.023	10:47	0.02	0.022	-
10:48	0.019	0.023	10:48	0.019	0.022	-
10:49	0.021	0.023	10:49	0.019	0.021	-
10:50	0.026	0.023	10:50	0.019	0.021	-
10:51	0.023	0.023	10:51	0.018	0.021	-
10:52	0.022	0.023	10:52	0.017	0.020	-
10:53	0.02	0.023	10:53	0.017	0.020	-
10:54	0.024	0.023	10:54	0.016	0.019	-
10:55	0.023	0.023	10:55	0.017	0.019	-
10:56	0.019	0.022	10:56	0.015	0.019	-
10:57	0.018	0.021	10:57	0.015	0.018	-
10:58	0.017	0.020	10:58	0.016	0.018	-
10:59	0.016	0.020	10:59	0.016	0.018	-
11:00	0.016	0.020	11:00	0.015	0.017	-
11:01	0.022	0.021	11:01	0.015	0.017	-
11:02	0.019	0.021	11:02	0.015	0.017	-
11:03	0.023	0.020	11:03	0.015	0.016	-
11:04	0.022	0.021	11:04	0.015	0.016	-
11:05	0.022	0.021	11:05	0.015	0.016	-
11:06	0.025	0.021	11:06	0.016	0.016	-
11:07	0.026	0.021	11:07	0.014	0.015	-
11:08	0.022	0.020	11:08	0.013	0.015	-
11:09	0.018	0.020	11:09	0.012	0.015	-
11:10	0.018	0.020	11:10	0.013	0.015	-
11:11	0.016	0.020	11:11	0.013	0.015	-
11:12	0.017	0.020	11:12	0.013	0.014	-
11:13	0.019	0.020	11:13	0.013	0.014	-
11:14	0.018	0.020	11:14	0.014	0.014	-
11:15	0.018	0.020	11:15	0.012	0.014	-
11:16	0.02	0.020	11:16	0.01	0.014	-
11:17	0.02	0.020	11:17	0.01	0.013	-
11:18	0.018	0.019	11:18	0.012	0.013	-
11:19	0.016	0.018	11:19	0.012	0.013	-
11:20	0.015	0.018	11:20	0.011	0.013	-
11:21	0.016	0.017	11:21	0.011	0.012	-
11:22	0.016	0.017	11:22	0.011	0.012	-
11:23	0.015	0.017	11:23	0.011	0.012	-
11:24	0.016	0.017	11:24	0.011	0.012	-
11:25	0.016	0.017	11:25	0.011	0.012	-
11:26	0.016	0.017	11:26	0.012	0.012	-
11:27	0.016	0.017	11:27	0.012	0.012	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
11:28	0.018	0.017	11:28	0.011	0.011	-
11:29	0.016	0.017	11:29	0.012	0.011	-
11:30	0.018	0.017	11:30	0.011	0.011	-
11:31	0.021	0.017	11:31	0.012	0.011	-
11:32	0.02	0.017	11:32	0.011	0.011	-
11:33	0.019	0.017	11:33	0.011	0.011	-
11:34	0.021	0.018	11:34	0.011	0.011	-
11:35	0.017	0.018	11:35	0.01	0.011	-
11:36	0.018	0.017	11:36	0.01	0.011	-
11:37	0.016	0.017	11:37	0.009	0.011	-
11:38	0.014	0.017	11:38	0.01	0.011	-
11:39	0.016	0.017	11:39	0.009	0.011	-
11:40	0.014	0.017	11:40	0.008	0.011	-
11:41	0.015	0.017	11:41	0.009	0.010	-
11:42	0.015	0.017	11:42	0.008	0.010	-
11:43	0.015	0.017	11:43	0.008	0.010	-
11:44	0.016	0.017	11:44	0.01	0.010	-
11:45	0.017	0.016	11:45	0.015	0.010	-
11:46	0.016	0.016	11:46	0.008	0.010	-
11:47	0.014	0.015	11:47	0.007	0.010	-
11:48	0.013	0.015	11:48	0.008	0.009	-
11:49	0.013	0.015	11:49	0.006	0.009	-
11:50	0.013	0.015	11:50	0.007	0.009	-
11:51	0.014	0.015	11:51	0.007	0.009	-
11:52	0.013	0.015	11:52	0.006	0.008	-
11:53	0.015	0.015	11:53	0.006	0.008	-
11:54	0.015	0.014	11:54	0.006	0.008	-
11:55	0.014	0.014	11:55	0.006	0.008	-
11:56	0.014	0.014	11:56	0.006	0.008	-
11:57	0.013	0.014	11:57	0.006	0.007	-
11:58	0.013	0.014	11:58	0.006	0.007	-
11:59	0.014	0.014	11:59	0.007	0.007	-
12:00	0.013	0.014	12:00	0.006	0.007	-
12:01	0.014	0.014	12:01	0.007	0.006	-
12:02	0.014	0.014	12:02	0.006	0.006	-
12:03	0.014	0.014	12:03	0.006	0.006	-
12:04	0.012	0.013	12:04	0.006	0.006	-
12:05	0.012	0.013	12:05	0.006	0.006	-
12:06	0.012	0.013	12:06	0.006	0.006	-
12:07	0.012	0.013	12:07	0.006	0.006	-
12:08	0.013	0.013	12:08	0.005	0.006	-
12:09	0.013	0.013	12:09	0.005	0.006	-
12:10	0.013	0.013	12:10	0.005	0.006	-
12:11	0.016	0.013	12:11	0.005	0.006	-
12:12	0.017	0.013	12:12	0.005	0.006	-
12:13	0.012	0.013	12:13	0.005	0.006	-
12:14	0.01	0.013	12:14	0.005	0.006	-
12:15	0.013	0.013	12:15	0.004	0.005	-
12:16	0.013	0.013	12:16	0.004	0.005	-
12:17	0.013	0.013	12:17	0.004	0.005	-
12:18	0.011	0.013	12:18	0.004	0.005	-
12:19	0.011	0.013	12:19	0.003	0.005	-
12:20	0.012	0.013	12:20	0.003	0.005	-
12:21	0.011	0.012	12:21	0.007	0.005	-
12:22	0.01	0.012	12:22	0.007	0.005	-
12:23	0.01	0.012	12:23	0.003	0.005	-
12:24	0.009	0.011	12:24	0.003	0.004	-
12:25	0.01	0.011	12:25	0.003	0.004	-
12:26	0.009	0.011	12:26	0.003	0.004	-
12:27	0.011	0.011	12:27	0.003	0.004	-
12:28	0.011	0.011	12:28	0.004	0.004	-
12:29	0.012	0.011	12:29	0.003	0.004	-
12:30	0.011	0.011	12:30	0.003	0.004	-
12:31	0.01	0.010	12:31	0.003	0.004	-
12:32	0.01	0.010	12:32	0.003	0.004	-
12:33	0.01	0.010	12:33	0.002	0.004	-
12:34	0.011	0.010	12:34	0.003	0.004	-
12:35	0.011	0.011	12:35	0.004	0.004	-
12:36	0.012	0.011	12:36	0.005	0.003	-
12:37	0.013	0.011	12:37	0.005	0.003	-
12:38	0.011	0.011	12:38	0.002	0.003	-
12:39	0.013	0.011	12:39	0.002	0.003	-
12:40	0.012	0.012	12:40	0.002	0.003	-
12:41	0.011	0.012	12:41	0.001	0.003	-
12:42	0.017	0.012	12:42	0.002	0.003	-
12:43	0.015	0.012	12:43	0.001	0.003	-
12:44	0.012	0.012	12:44	0.003	0.003	-
12:45	0.01	0.012	12:45	0.004	0.003	-
12:46	0.011	0.012	12:46	0.006	0.003	-
12:47	0.01	0.012	12:47	0.005	0.003	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
12:48	0.01	0.012	12:48	0.003	0.003	-
12:49	0.009	0.011	12:49	0.003	0.003	-
12:50	0.009	0.011	12:50	0.003	0.003	-
12:51	0.009	0.011	12:51	0.002	0.003	-
12:52	0.009	0.011	12:52	0.007	0.003	-
12:53	0.011	0.011	12:53	0.007	0.003	-
12:54	0.01	0.011	12:54	0.002	0.003	-
12:55	0.01	0.010	12:55	0.004	0.004	-
12:56	0.009	0.010	12:56	0.001	0.004	-
12:57	0.009	0.010	12:57	0.001	0.003	-
12:58	0.01	0.010	12:58	0.002	0.004	-
12:59	0.01	0.010	12:59	0.032	0.005	-
13:00	0.012	0.010	13:00	0.007	0.006	-
13:01	0.014	0.010	13:01	0.002	0.005	-
13:02	0.013	0.011	13:02	0.002	0.005	-
13:03	0.013	0.011	13:03	0.003	0.005	-
13:04	0.01	0.011	13:04	0.003	0.005	-
13:05	0.01	0.011	13:05	0.002	0.005	-
13:06	0.01	0.011	13:06	0.002	0.005	-
13:07	0.011	0.011	13:07	0.002	0.005	-
13:08	0.011	0.011	13:08	0.003	0.005	-
13:09	0.011	0.011	13:09	0.003	0.005	-
13:10	0.01	0.011	13:10	0.003	0.005	-
13:11	0.011	0.011	13:11	0.003	0.005	-
13:12	0.011	0.011	13:12	0.003	0.005	-
13:13	0.011	0.011	13:13	0.003	0.005	-
13:14	0.01	0.011	13:14	0.003	0.003	-
13:15	0.011	0.011	13:15	0.003	0.003	-
13:16	0.01	0.011	13:16	0.003	0.003	-
13:17	0.011	0.011	13:17	0.002	0.003	-
13:18	0.011	0.011	13:18	0.003	0.003	-
13:19	0.011	0.011	13:19	0.003	0.003	-
13:20	0.011	0.011	13:20	0.002	0.003	-
13:21	0.012	0.011	13:21	0.003	0.003	-
13:22	0.012	0.011	13:22	0.003	0.003	-
13:23	0.011	0.011	13:23	0.003	0.003	-
13:24	0.012	0.011	13:24	0.003	0.003	-
13:25	0.012	0.011	13:25	0.002	0.003	-
13:26	0.013	0.012	13:26	0.002	0.003	-
13:27	0.013	0.012	13:27	0.002	0.003	-
13:28	0.013	0.012	13:28	0.002	0.003	-
13:29	0.012	0.012	13:29	0.003	0.003	-
13:30	0.012	0.012	13:30	0.003	0.003	-
13:31	0.012	0.012	13:31	0.003	0.003	-
13:32	0.012	0.012	13:32	0.003	0.003	-
13:33	0.012	0.012	13:33	0.004	0.003	-
13:34	0.013	0.012	13:34	0.002	0.003	-
13:35	0.011	0.012	13:35	0.002	0.003	-
13:36	0.011	0.012	13:36	0.001	0.003	-
13:37	0.012	0.012	13:37	0.001	0.002	-
13:38	0.011	0.012	13:38	0.001	0.002	-
13:39	0.012	0.012	13:39	0.002	0.002	-
13:40	0.012	0.012	13:40	0.003	0.002	-
13:41	0.011	0.012	13:41	0.003	0.002	-
13:42	0.012	0.012	13:42	0.008	0.003	-
13:43	0.01	0.012	13:43	0.017	0.004	-
13:44	0.012	0.012	13:44	0.006	0.004	-
13:45	0.013	0.012	13:45	0.005	0.004	-
13:46	0.012	0.012	13:46	0.001	0.004	-
13:47	0.011	0.011	13:47	0.006	0.004	-
13:48	0.011	0.012	13:48	0.003	0.004	-
13:49	0.011	0.012	13:49	0.004	0.004	-
13:50	0.012	0.012	13:50	0.006	0.004	-
13:51	0.014	0.012	13:51	0.002	0.005	-
13:52	0.012	0.012	13:52	0.002	0.005	-
13:53	0.012	0.012	13:53	0.002	0.005	-
13:54	0.012	0.012	13:54	0.002	0.005	-
13:55	0.012	0.012	13:55	0.003	0.005	-
13:56	0.012	0.012	13:56	0.002	0.005	-
13:57	0.012	0.012	13:57	0.002	0.004	-
13:58	0.012	0.012	13:58	0.003	0.003	-
13:59	0.011	0.012	13:59	0.002	0.003	-
14:00	0.011	0.012	14:00	0.002	0.003	-
14:01	0.012	0.012	14:01	0.002	0.003	-
14:02	0.012	0.012	14:02	0.005	0.003	-
14:03	0.011	0.012	14:03	0.003	0.003	-
14:04	0.011	0.012	14:04	0.002	0.003	-
14:05	0.011	0.012	14:05	0.003	0.002	-
14:06	0.012	0.012	14:06	0.004	0.003	-
14:07	0.011	0.011	14:07	0.004	0.003	-

PARTICULATE DATA						
Upwind						Exceeds Particulate Alarm Limits
Time	Concentration (mg/m^3)	15-Minute Average	Time	Concentration (mg/m^3)	15-Minute Average	
14:08	0.011	0.011	14:08	0.002	0.003	-
14:09	0.011	0.011	14:09	0.002	0.003	-
14:10	0.011	0.011	14:10	0.003	0.003	-
14:11	0.012	0.011	14:11	0.004	0.003	-
14:12	0.011	0.011	14:12	0.004	0.003	-
14:13	0.011	0.011	14:13	0.002	0.003	-
14:14	0.011	0.011	14:14	0.003	0.003	-
14:15	0.01	0.011	14:15	0.003	0.003	-
14:16	0.011	0.011	14:16	0.005	0.003	-
14:17	0.011	0.011	14:17	0.001	0.003	-
14:18	0.011	0.011	14:18	0.002	0.003	-
14:19	0.011	0.011	14:19	0.002	0.003	-
14:20	0.011	0.011	14:20	0.002	0.003	-
14:21	0.011	0.011	14:21	0.005	0.003	-
14:22	0.011	0.011	14:22	0.004	0.003	-
14:23	0.013	0.011	14:23	0.002	0.003	-
14:24	0.011	0.011	14:24	0.007	0.003	-
14:25	0.01	0.011	14:25	0.015	0.004	-
14:26	0.011	0.011	14:26	0.007	0.004	-
14:27	0.01	0.011	14:27	0.002	0.004	-
14:28	0.011	0.011	14:28	0.001	0.004	-
14:29	0.011	0.011	14:29	0.002	0.004	-
14:30	0.013	0.011	14:30	0.006	0.004	-
14:31	0.012	0.011	14:31	0.027	0.006	-
14:32	0.011	0.011	14:32	0.006	0.006	-
14:33	0.01	0.011	14:33	0.003	0.006	-
14:34	0.01	0.011	14:34	0.002	0.006	-
14:35	0.011	0.011	14:35	0.012	0.007	-
14:36	0.01	0.011	14:36	0.007	0.007	-
14:37	0.011	0.011	14:37	0.007	0.007	-
14:38	0.011	0.011	14:38	0.011	0.008	-

Wednesday, October 23, 2024						
				Number of Instances Where Downwind VOCs Exceeds Upwind VOCs + 5 =		0
				Number of Comparable Data Points =		287
				Start Time:		10:11
				End Time:		15:30
PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
10:11			10:11	0.1		
10:12			10:12	0.1		
10:13	0.0		10:13	0.0		
10:14	0.0		10:14	0.0		
10:15	0.0		10:15	0.0		
10:16	0.0		10:16	0.0		
10:17	0.0		10:17	0.0		
10:18	0.0		10:18	0.0		
10:19	0.0		10:19	0.0		
10:20	0.0		10:20	0.0		
10:21	0.0		10:21	0.0		
10:22	0.0		10:22	0.0		
10:23	0.0		10:23	0.0		
10:24	0.0		10:24	0.0		
10:25	0.0		10:25	0.0	0.0	-
10:26	0.0		10:26	0.0	0.0	-
10:27	0.0		10:27	0.0	0.0	-
10:28	0.0		10:28	0.0	0.0	-
10:29	0.0	0.0	10:29	0.0	0.0	-
10:30	0.0	0.0	10:30	0.0	0.0	-
10:31	0.0	0.0	10:31	0.0	0.0	-
10:32	0.0	0.0	10:32	0.0	0.0	-
10:33	0.0	0.0	10:33	0.0	0.0	-
10:34	0.0	0.0	10:34	0.0	0.0	-
10:35	0.0	0.0	10:35	0.0	0.0	-
10:36	0.0	0.0	10:36	0.0	0.0	-
10:37	0.0	0.0	10:37	0.0	0.0	-
10:38	0.0	0.0	10:38	0.0	0.0	-
10:39	0.0	0.0	10:39	0.0	0.0	-
10:40	0.0	0.0	10:40	0.0	0.0	-
10:41	0.0	0.0	10:41	0.0	0.0	-
10:42	0.0	0.0	10:42	0.0	0.0	-
10:43	0.0	0.0	10:43	0.0	0.0	-
10:44	0.0	0.0	10:44	0.0	0.0	-
10:45	0.0	0.0	10:45	0.0	0.0	-
10:46	0.0	0.0	10:46	0.0	0.0	-
10:47	0.0	0.0	10:47	0.0	0.0	-
10:48	0.0	0.0	10:48	0.0	0.0	-
10:49	0.0	0.0	10:49	0.0	0.0	-
10:50	0.0	0.0	10:50	0.1	0.0	-
10:51	0.0	0.0	10:51	0.1	0.0	-
10:52	0.0	0.0	10:52	0.1	0.0	-
10:53	0.0	0.0	10:53	0.1	0.0	-
10:54	0.0	0.0	10:54	0.1	0.0	-
10:55	0.0	0.0	10:55	0.1	0.0	-
10:56	0.0	0.0	10:56	0.1	0.0	-
10:57	0.0	0.0	10:57	0.1	0.1	-
10:58	0.0	0.0	10:58	0.1	0.1	-
10:59	0.0	0.0	10:59	0.1	0.1	-
11:00	0.0	0.0	11:00	0.1	0.1	-
11:01	0.0	0.0	11:01	0.2	0.1	-
11:02	0.0	0.0	11:02	0.2	0.1	-
11:03	0.0	0.0	11:03	0.2	0.1	-
11:04	0.0	0.0	11:04	0.2	0.1	-
11:05	0.0	0.0	11:05	0.2	0.1	-
11:06	0.0	0.0	11:06	0.2	0.1	-
11:07	0.0	0.0	11:07	0.2	0.1	-
11:08	0.0	0.0	11:08	0.2	0.2	-
11:09	0.0	0.0	11:09	0.2	0.2	-
11:10	0.0	0.0	11:10	0.2	0.2	-
11:11	0.0	0.0	11:11	0.2	0.2	-
11:12	0.0	0.0	11:12	0.2	0.2	-
11:13	0.0	0.0	11:13	0.2	0.2	-
11:14	0.0	0.0	11:14	0.2	0.2	-
11:15	0.0	0.0	11:15	0.2	0.2	-
11:16	0.0	0.0	11:16	0.2	0.2	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
11:17	0.0	0.0	11:17	0.2	0.2	-
11:18	0.0	0.0	11:18	0.2	0.2	-
11:19	0.0	0.0	11:19	0.2	0.2	-
11:20	0.0	0.0	11:20	0.2	0.2	-
11:21	0.0	0.0	11:21	0.2	0.2	-
11:22	0.0	0.0	11:22	0.2	0.2	-
11:23	0.0	0.0	11:23	0.2	0.2	-
11:24	0.0	0.0	11:24	0.2	0.2	-
11:25	0.0	0.0	11:25	0.2	0.2	-
11:26	0.0	0.0	11:26	0.2	0.2	-
11:27	0.0	0.0	11:27	0.2	0.2	-
11:28	0.0	0.0	11:28	0.2	0.2	-
11:29	0.0	0.0	11:29	0.2	0.2	-
11:30	0.0	0.0	11:30	0.2	0.2	-
11:31	0.0	0.0	11:31	0.2	0.2	-
11:32	0.0	0.0	11:32	0.2	0.2	-
11:33	0.0	0.0	11:33	0.2	0.2	-
11:34	0.0	0.0	11:34	0.2	0.2	-
11:35	0.0	0.0	11:35	0.2	0.2	-
11:36	0.0	0.0	11:36	0.2	0.2	-
11:37	0.0	0.0	11:37	0.2	0.2	-
11:38	0.0	0.0	11:38	0.2	0.2	-
11:39	0.0	0.0	11:39	0.2	0.2	-
11:40	0.0	0.0	11:40	0.2	0.2	-
11:41	0.0	0.0	11:41	0.2	0.2	-
11:42	0.0	0.0	11:42	0.2	0.2	-
11:43	0.0	0.0	11:43	0.2	0.2	-
11:44	0.0	0.0	11:44	0.2	0.2	-
11:45	0.0	0.0	11:45	0.2	0.2	-
11:46	0.0	0.0	11:46	0.2	0.2	-
11:47	0.0	0.0	11:47	0.2	0.2	-
11:48	0.0	0.0	11:48	0.2	0.2	-
11:49	0.0	0.0	11:49	0.2	0.2	-
11:50	0.0	0.0	11:50	0.2	0.2	-
11:51	0.0	0.0	11:51	0.2	0.2	-
11:52	0.0	0.0	11:52	0.2	0.2	-
11:53	0.0	0.0	11:53	0.2	0.2	-
11:54	0.0	0.0	11:54	0.2	0.2	-
11:55	0.0	0.0	11:55	0.2	0.2	-
11:56	0.0	0.0	11:56	0.2	0.2	-
11:57	0.0	0.0	11:57	0.2	0.2	-
11:58	0.0	0.0	11:58	0.2	0.2	-
11:59	0.0	0.0	11:59	0.2	0.2	-
12:00	0.0	0.0	12:00	0.2	0.2	-
12:01	0.0	0.0	12:01	0.2	0.2	-
12:02	0.0	0.0	12:02	0.2	0.2	-
12:03	0.0	0.0	12:03	0.2	0.2	-
12:04	0.0	0.0	12:04	0.2	0.2	-
12:05	0.0	0.0	12:05	0.2	0.2	-
12:06	0.0	0.0	12:06	0.2	0.2	-
12:07	0.0	0.0	12:07	0.2	0.2	-
12:08	0.0	0.0	12:08	0.2	0.2	-
12:09	0.0	0.0	12:09	0.2	0.2	-
12:10	0.0	0.0	12:10	0.2	0.2	-
12:11	0.0	0.0	12:11	0.2	0.2	-
12:12	0.0	0.0	12:12	0.2	0.2	-
12:13	0.0	0.0	12:13	0.2	0.2	-
12:14	0.0	0.0	12:14	0.2	0.2	-
12:15	0.0	0.0	12:15	0.2	0.2	-
12:16	0.0	0.0	12:16	0.2	0.2	-
12:17	0.0	0.0	12:17	0.2	0.2	-
12:18	0.0	0.0	12:18	0.2	0.2	-
12:19	0.0	0.0	12:19	0.2	0.2	-
12:20	0.0	0.0	12:20	0.2	0.2	-
12:21	0.0	0.0	12:21	0.2	0.2	-
12:22	0.0	0.0	12:22	0.2	0.2	-
12:23	0.0	0.0	12:23	0.2	0.2	-
12:24	0.0	0.0	12:24	0.2	0.2	-
12:25	0.0	0.0	12:25	0.2	0.2	-
12:26	0.0	0.0	12:26	0.2	0.2	-
12:27	0.0	0.0	12:27	0.2	0.2	-
12:28	0.0	0.0	12:28	0.2	0.2	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
12:29	0.0	0.0	12:29	0.2	0.2	-
12:30	0.0	0.0	12:30	0.2	0.2	-
12:31	0.0	0.0	12:31	0.2	0.2	-
12:32	0.0	0.0	12:32	0.2	0.2	-
12:33	0.0	0.0	12:33	0.2	0.2	-
12:34	0.0	0.0	12:34	0.2	0.2	-
12:35	0.0	0.0	12:35	0.2	0.2	-
12:36	0.0	0.0	12:36	0.2	0.2	-
12:37	0.0	0.0	12:37	0.2	0.2	-
12:38	0.0	0.0	12:38	0.2	0.2	-
12:39	0.0	0.0	12:39	0.2	0.2	-
12:40	0.0	0.0	12:40	0.2	0.2	-
12:41	0.0	0.0	12:41	0.2	0.2	-
12:42	0.0	0.0	12:42	0.2	0.2	-
12:43	0.0	0.0	12:43	0.2	0.2	-
12:44	0.0	0.0	12:44	0.2	0.2	-
12:45	0.0	0.0	12:45	0.2	0.2	-
12:46	0.0	0.0	12:46	0.2	0.2	-
12:47	0.0	0.0	12:47	0.2	0.2	-
12:48	0.0	0.0	12:48	0.2	0.2	-
12:49	0.0	0.0	12:49	0.2	0.2	-
12:50	0.0	0.0	12:50	0.2	0.2	-
12:51	0.0	0.0	12:51	0.2	0.2	-
12:52	0.0	0.0	12:52	0.2	0.2	-
12:53	0.0	0.0	12:53	0.2	0.2	-
12:54	0.0	0.0	12:54	0.2	0.2	-
12:55	0.0	0.0	12:55	0.2	0.2	-
12:56	0.0	0.0	12:56	0.2	0.2	-
12:57	0.0	0.0	12:57	0.2	0.2	-
12:58	0.0	0.0	12:58	0.2	0.2	-
12:59	0.0	0.0	12:59	0.2	0.2	-
13:00	0.0	0.0	13:00	0.2	0.2	-
13:01	0.0	0.0	13:01	0.2	0.2	-
13:02	0.0	0.0	13:02	0.2	0.2	-
13:03	0.0	0.0	13:03	0.2	0.2	-
13:04	0.0	0.0	13:04	0.2	0.2	-
13:05	0.0	0.0	13:05	0.2	0.2	-
13:06	0.0	0.0	13:06	0.2	0.2	-
13:07	0.0	0.0	13:07	0.2	0.2	-
13:08	0.0	0.0	13:08	0.1	0.2	-
13:09	0.0	0.0	13:09	0.2	0.2	-
13:10	0.0	0.0	13:10	0.2	0.2	-
13:11	0.0	0.0	13:11	0.2	0.2	-
13:12	0.0	0.0	13:12	0.1	0.2	-
13:13	0.0	0.0	13:13	0.1	0.2	-
13:14	0.0	0.0	13:14	0.1	0.2	-
13:15	0.0	0.0	13:15	0.1	0.2	-
13:16	0.0	0.0	13:16	0.1	0.2	-
13:17	0.0	0.0	13:17	0.1	0.2	-
13:18	0.0	0.0	13:18	0.1	0.1	-
13:19	0.0	0.0	13:19	0.1	0.1	-
13:20	0.0	0.0	13:20	0.1	0.1	-
13:21	0.0	0.0	13:21	0.1	0.1	-
13:22	0.0	0.0	13:22	0.1	0.1	-
13:23	0.0	0.0	13:23	0.1	0.1	-
13:24	0.0	0.0	13:24	0.1	0.1	-
13:25	0.0	0.0	13:25	0.1	0.1	-
13:26	0.0	0.0	13:26	0.1	0.1	-
13:27	0.0	0.0	13:27	0.1	0.1	-
13:28	0.0	0.0	13:28	0.1	0.1	-
13:29	0.0	0.0	13:29	0.1	0.1	-
13:30	0.0	0.0	13:30	0.1	0.1	-
13:31	0.0	0.0	13:31	0.1	0.1	-
13:32	0.0	0.0	13:32	0.1	0.1	-
13:33	0.0	0.0	13:33	0.1	0.1	-
13:34	0.0	0.0	13:34	0.1	0.1	-
13:35	0.0	0.0	13:35	0.1	0.1	-
13:36	0.0	0.0	13:36	0.1	0.1	-
13:37	0.0	0.0	13:37	0.1	0.1	-
13:38	0.0	0.0	13:38	0.1	0.1	-
13:39	0.0	0.0	13:39	0.1	0.1	-
13:40	0.0	0.0	13:40	0.1	0.1	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
13:41	0.0	0.0	13:41	0.1	0.1	-
13:42	0.0	0.0	13:42	0.1	0.1	-
13:43	0.0	0.0	13:43	0.1	0.1	-
13:44	0.0	0.0	13:44	0.1	0.1	-
13:45	0.0	0.0	13:45	0.1	0.1	-
13:46	0.0	0.0	13:46	0.1	0.1	-
13:47	0.0	0.0	13:47	0.1	0.1	-
13:48	0.0	0.0	13:48	0.1	0.1	-
13:49	0.0	0.0	13:49	0.1	0.1	-
13:50	0.1	0.0	13:50	0.1	0.1	-
13:51	0.0	0.0	13:51	0.1	0.1	-
13:52	0.0	0.0	13:52	0.1	0.1	-
13:53	0.0	0.0	13:53	0.1	0.1	-
13:54	0.0	0.0	13:54	0.1	0.1	-
13:55	0.0	0.0	13:55	0.1	0.1	-
13:56	0.0	0.0	13:56	0.1	0.1	-
13:57	0.0	0.0	13:57	0.1	0.1	-
13:58	0.0	0.0	13:58	0.1	0.1	-
13:59	0.0	0.0	13:59	0.1	0.1	-
14:00	0.0	0.0	14:00	0.1	0.1	-
14:01	0.0	0.0	14:01	0.1	0.1	-
14:02	0.0	0.0	14:02	0.1	0.1	-
14:03	0.1	0.0	14:03	0.1	0.1	-
14:04	0.1	0.0	14:04	0.1	0.1	-
14:05	0.1	0.0	14:05	0.1	0.1	-
14:06	0.1	0.0	14:06	0.0	0.1	-
14:07	0.1	0.0	14:07	0.0	0.1	-
14:08	0.1	0.0	14:08	0.0	0.1	-
14:09	0.1	0.0	14:09	0.0	0.1	-
14:10	0.1	0.1	14:10	0.0	0.1	-
14:11	0.1	0.1	14:11	0.0	0.1	-
14:12	0.1	0.1	14:12	0.0	0.1	-
14:13	0.1	0.1	14:13	0.0	0.0	-
14:14	0.1	0.1	14:14	0.0	0.0	-
14:15	0.1	0.1	14:15	0.0	0.0	-
14:16	0.1	0.1	14:16	0.0	0.0	-
14:17	0.1	0.1	14:17	0.0	0.0	-
14:18	0.1	0.1	14:18	0.0	0.0	-
14:19	0.1	0.1	14:19	0.0	0.0	-
14:20	0.1	0.1	14:20	0.0	0.0	-
14:21	0.1	0.1	14:21	0.0	0.0	-
14:22	0.1	0.1	14:22	0.0	0.0	-
14:23	0.1	0.1	14:23	0.0	0.0	-
14:24	0.1	0.1	14:24	0.0	0.0	-
14:25	0.1	0.1	14:25	0.0	0.0	-
14:26	0.1	0.1	14:26	0.0	0.0	-
14:27	0.1	0.1	14:27	0.0	0.0	-
14:28	0.1	0.1	14:28	0.0	0.0	-
14:29	0.1	0.1	14:29	0.0	0.0	-
14:30	0.1	0.1	14:30	0.0	0.0	-
14:31	0.1	0.1	14:31	0.0	0.0	-
14:32	0.1	0.1	14:32	0.0	0.0	-
14:33	0.1	0.1	14:33	0.0	0.0	-
14:34	0.1	0.1	14:34	0.0	0.0	-
14:35	0.1	0.1	14:35	0.0	0.0	-
14:36	0.1	0.1	14:36	0.0	0.0	-
14:37	0.1	0.1	14:37	0.0	0.0	-
14:38	0.1	0.1	14:38	0.0	0.0	-
14:39	0.1	0.1	14:39	0.0	0.0	-
14:40	0.1	0.1	14:40	0.0	0.0	-
14:41	0.1	0.1	14:41	0.0	0.0	-
14:42	0.1	0.1	14:42	0.0	0.0	-
14:43	0.1	0.1	14:43	0.0	0.0	-
14:44	0.1	0.1	14:44	0.0	0.0	-
14:45	0.1	0.1	14:45	0.0	0.0	-
14:46	0.1	0.1	14:46	0.0	0.0	-
14:47	0.1	0.1	14:47	0.0	0.0	-
14:48	0.1	0.1	14:48	0.0	0.0	-
14:49	0.1	0.1	14:49	0.0	0.0	-
14:50	0.1	0.1	14:50	0.0	0.0	-
14:51	0.1	0.1	14:51	0.0	0.0	-
14:52	0.1	0.1	14:52	0.0	0.0	-

PID DATA						
Upwind			Downwind			Exceeds VOCs Alarm Limits
Time	VOC (ppm)	15-Minute Average	Time	VOC (ppm)	15-Minute Average	
14:53	0.1	0.1	14:53	0.0	0.0	-
14:54	0.1	0.1	14:54	0.0	0.0	-
14:55	0.0	0.1	14:55	0.0	0.0	-
14:56	0.0	0.1	14:56	0.0	0.0	-
14:57	0.0	0.1	14:57	0.0	0.0	-
14:58	0.0	0.1	14:58	0.0	0.0	-
14:59	0.0	0.1	14:59	0.0	0.0	-
15:00	0.0	0.1	15:00	0.0	0.0	-
15:01	0.0	0.1	15:01	0.0	0.0	-
15:02	0.0	0.0	15:02	0.0	0.0	-
15:03	0.0	0.0	15:03	0.0	0.0	-
15:04	0.0	0.0	15:04	0.0	0.0	-
15:05	0.0	0.0	15:05	0.0	0.0	-
15:06	0.0	0.0	15:06	0.0	0.0	-
15:07	0.0	0.0	15:07	0.0	0.0	-
15:08	0.0	0.0	15:08	0.0	0.0	-
15:09	0.0	0.0	15:09	0.0	0.0	-
15:10	0.0	0.0	15:10	0.0	0.0	-
15:11	0.0	0.0	15:11	0.0	0.0	-
15:12	0.0	0.0	15:12			
15:13	0.0	0.0	15:13			
15:14	0.0	0.0	15:14			
15:15	0.0	0.0	15:15			
15:16	0.0	0.0	15:16			
15:17	0.0	0.0	15:17			
15:18	0.0	0.0	15:18			
15:19	0.0	0.0	15:19			
15:20	0.0	0.0	15:20			
15:21	0.0	0.0	15:21			
15:22	0.0	0.0	15:22			
15:23	0.0	0.0	15:23			
15:24	0.0	0.0	15:24			
15:25	0.0	0.0	15:25			
15:26	0.0	0.0	15:26			
15:27	0.0	0.0	15:27			
15:28	0.0	0.0	15:28			
15:29	0.0	0.0	15:29			
15:30	0.0	0.0	15:30			