

Ludlow Park Residents Association Meeting



Yonkers Joint WRRF
Thursday March 10, 2016
6:00 PM

Yonkers Joint O&M Management Team

- Jeff Bryant
- Plant Superintendent
- 231-2847

- John Lennon
- Supervisor of Plant Operations
- 231-2852
- Erwin Vazquez
- Supervisor of Maintenance
- 231- 2850

Odor Remediation Project – SY009

- Phase I, \$9.6 Million – Screen & Grit Bldg HVAC and Odor Control including Ludlow St PS Odor Control
- Phase II, \$9.8 Million – HVAC System Upgrades to Blower, Admin & DAF Bldg's & new boilers
- Phase III, \$7.3 Million – Odor Control for Primary Access Bldg & South Pumping Station, HVAC systems in several other area's and buildings
- 99% Complete
- Scheduled Completion April 2016
- Construction Started January 2016
- Scheduled Completion July 2017
- Request Construction Bonding 3rd Quarter 2016

Odor Remediation Project – SY009

- Phase IV \$ 4.4 Million
Secondary Sludge
Thickening Bldg. HVAC
Upgrades
- Request Construction
Bonding 2nd Quarter
2017

Other Construction Projects

- Emergency Generator Replacement

New Electrical Switchgear and new Emergency Generator

- 98% complete
- Scheduled Completion April 2016

- Anaerobic Digester Gas Fueled Generator

New ADG Fueled Generator to Generate Electricity for Plant Use

- 90% Complete
- Waiting on Completion of New Switchgear

Other Construction Projects

- Sandy Repair Phase I
Repair of damage from Super Storm Sandy
 - Start of Construction January 2016
 - Scheduled Completion November 2016
- Sandy Repair Phase II
Repair of damage from Super Storm Sandy
 - Scheduled Start Spring 2016
- Sandy Repair Phase III
Repair of damage from Super Storm Sandy
 - Scheduled Start Summer 2016
- Vulnerability Study
Study to Identify Improvements to Storm Resiliency
 - Revise Study for FEMA to 500 Year Return Storm

Other Construction Projects

- DAF Upgrade

Replacement of DAF Thickeners with new Gravity Belt Thickeners and Related Equipment

- Engine Replacement Project

Multi Phase Project to Replace Engine driven blowers with Turbo Blowers and ADG Engines and various other upgrades to Secondary System

- Scheduled Start Fall 2016

- Phase II design at 60%

Other Construction Projects

- Grit System Upgrade

Refurbishment of Grit Removal System With Redundancy Additions

- Sluice Gate Project

Consultant Selected

- Secondary Treatment Area Upgrades

Cosultant Selected

- Future Projects

- Design Started

- Design Kickoff 2/16/16

- Design Kickoff 2/29/16

- Electrical and Lighting Evaluation

Annual Performance Report 2013

YONKERS JOINT WASTEWATER TREATMENT PLANT

YEARLY PERFORMANCE REPORT

Page 1

MONTH	FLOW THROUGH PLANT (mgd)	Suspended Solids			Biochemical Oxygen Demand			SLUDGE CAKE REMOVED			SEWAGE	
		Inf Mg/L	Eff Mg/L	PLANT % Rem	Inf Mg/L	Eff Mg/L	PLANT % Rem	WET TONS	PERCENT SOLIDS	DRY M-TONS	SCREENINGS LBS	GRIT CU.YDS.
Jan '13	81	148	6	96	164	7	96	3,842	21.7	758	34,000	100
Feb '13	87	132	8	94	154	7	96	2,980	22.8	618	32,000	100
Mar '13	94	139	11	92	134	10	93	3,280	21.6	645	36,000	140
Apr '13	75	202	9	96	167	8	95	3,090	23.2	651	40,000	100
May '13	77	200	7	97	153	6	96	3,373	22.5	689	44,000	140
Jun '13	104	150	8	94	120	8	93	2,753	25.3	696	36,000	120
Jul '13	75	184	7	96	142	6	96	3,219	24.2	708	40,000	140
Aug '13	65	216	13	94	175	11	94	2,206	23.4	470	34,000	100
Sep '13	65	209	13	94	171	11	94	3,053	22.9	637	42,000	100
Oct '13	59	231	7	97	194	6	97	2,966	23.8	643	32,000	120
Nov '13	60	199	5	97	192	5	97	2,948	21.5	575	38,000	120
Dec '13	69	155	10	94	176	20	89	2,922	21.6	573	44,000	140
Ave	76	180	9	95	162	9	95		22.9			
Max	104											
Total	911							36,631		7,661	452,000	1,420

Annual Performance Report 2014

YONKERS JOINT WASTEWATER TREATMENT PLANT

YEARLY PERFORMANCE REPORT

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		Inf Mg/L	Eff Mg/L	PLANT % Rem	Inf Mg/L	Eff Mg/L	PLANT % Rem	WET TONS	PERCENT SOLIDS	DRY M-TONS	SCREENINGS LBS	GRIT CU.YDS.
Jan '14	76	141	7	95	131	6	95	2,995	22.3	607	34,000	100
Feb '14	81	135	9	94	131	8	94	2,483	23.2	523	44,000	100
Mar '14	89	141	14	90	120	12	90	2,648	23.0	553	40,000	140
Apr '14	94	132	8	94	117	7	94	2,811	24.5	625	42,000	120
May '14	107	152	9	94	109	7	94	2,828	25.4	653	44,000	220
Jun '14	81	164	6	97	151	6	96	3,002	25.4	763	42,000	140
Jul '14	77	139	12	92	141	11	92	2,407	25.5	557	40,000	140
Aug '14	67	158	8	95	122	6	95	2,477	25.8	582	36,000	120
Sep '14	63	168	7	96	132	6	96	2,810	23.3	594	36,000	100
Oct '14	67	164	6	96	129	5	96	2,958	23.2	624	36,000	120
Nov '14	70	178	9	95	166	10	94	2,700	24.2	594	54,000	100
Dec '14	90	131	7	95	117	7	94	2,902	24.5	647	58,000	140
Ave	80	150	9	94	131	8	94		24.2			
Max	107											
Total	963							33,022		7,322	506,000	1,540

Annual Performance Report 2015

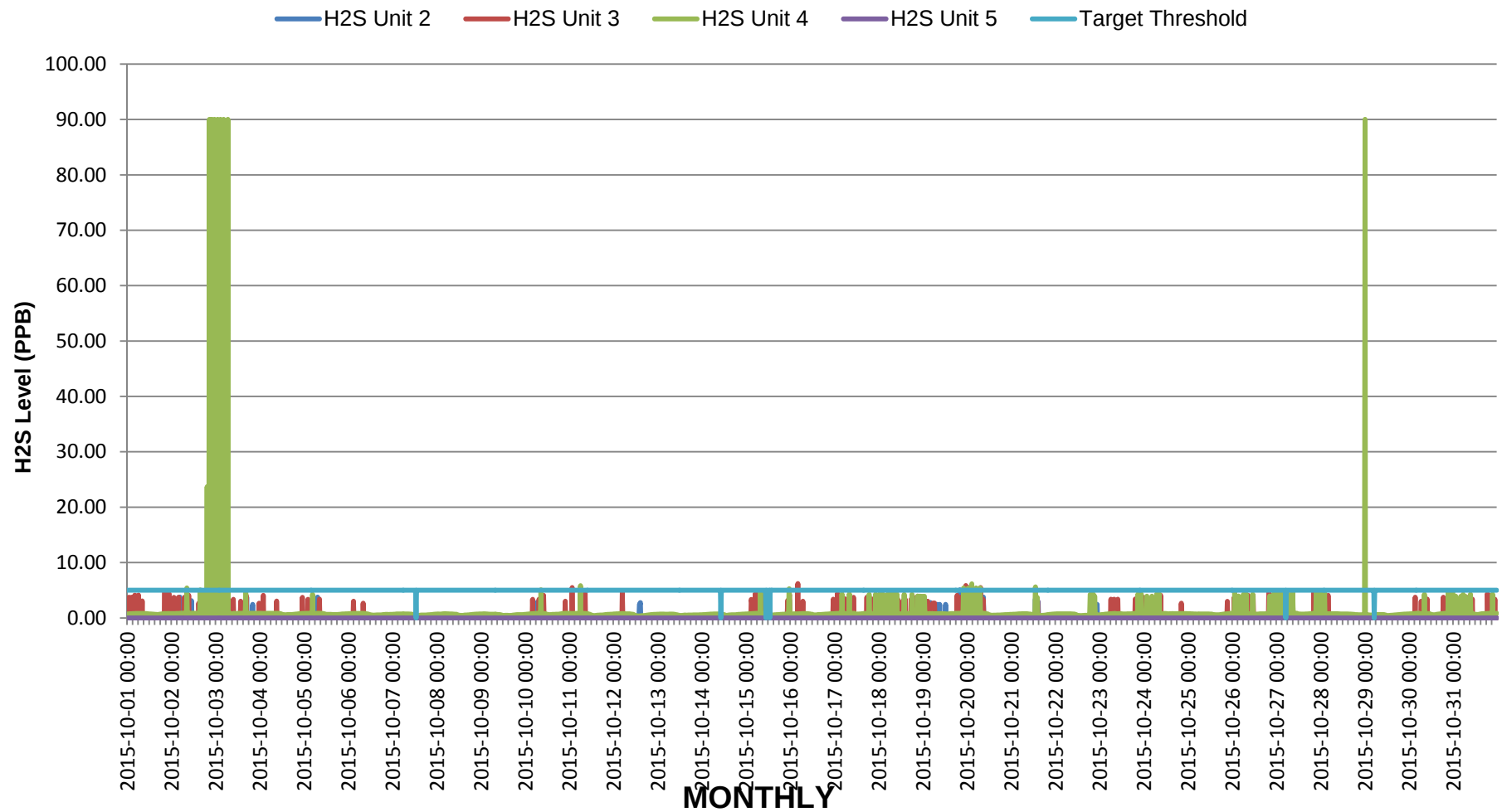
YONKERS JOINT WASTEWATER TREATMENT PLANT

YEARLY PERFORMANCE REPORT

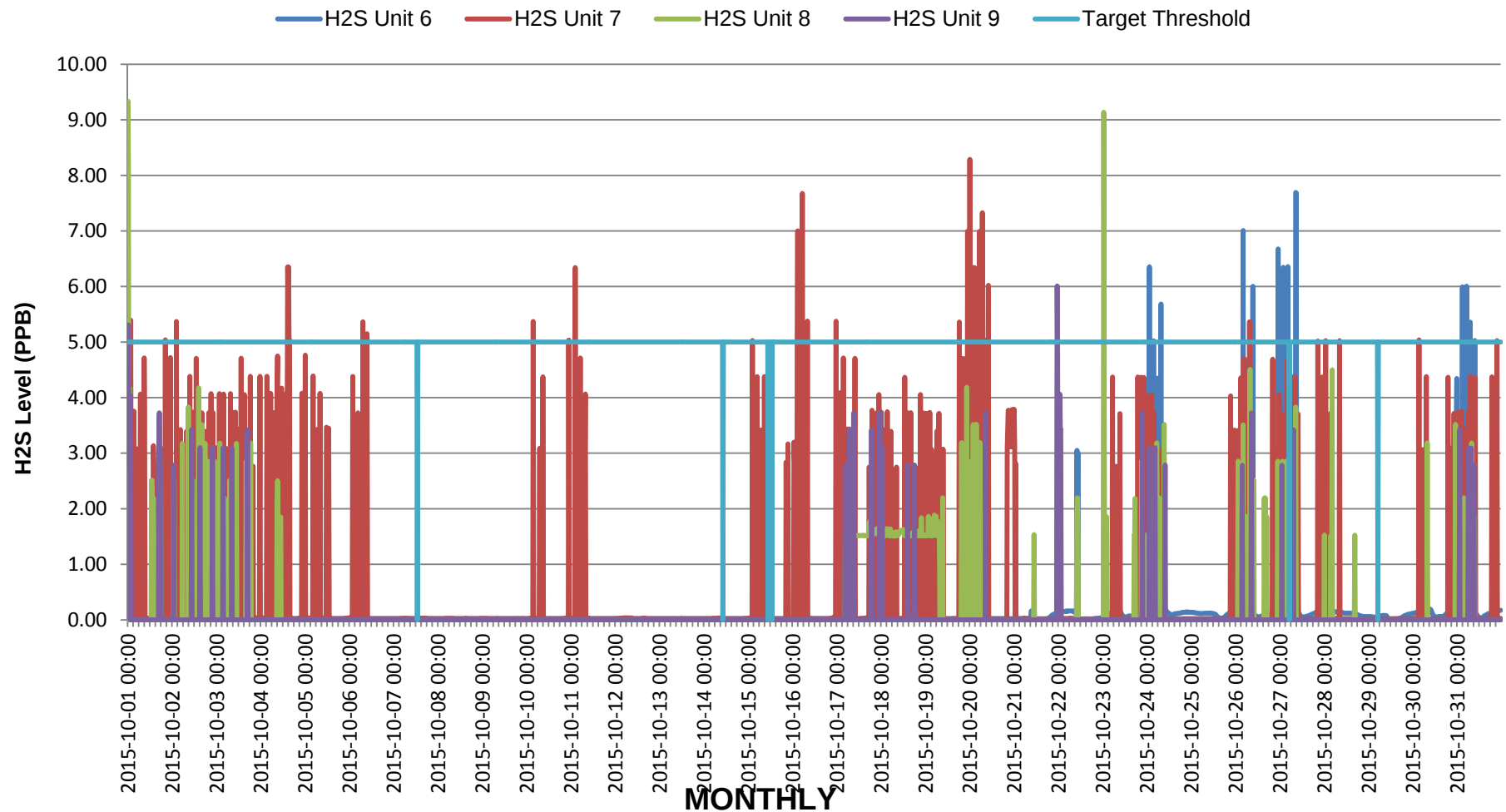
Page 1

MONTH	FLOW THROUGH PLANT (mgd)	Suspended Solids			Biochemical Oxygen Demand			SLUDGE CAKE REMOVED			SEWAGE	
		Inf Mg/L	Eff Mg/L	PLANT % Rem	Inf Mg/L	Eff Mg/L	PLANT % Rem	WET TONS	PERCENT SOLIDS	DRY M-TONS	SCREENINGS LBS	GRIT CU.YDS.
Jan '15	79	132	11	92	140	11	92	2,648	24.7	595	42,000	100
Feb '15	70	147	14	91	165	15	91	2,362	24.2	520	36,000	120
Mar '15	106	104	24	77	105	25	76	2,289	22.6	471	54,000	140
Apr '15	93	123	17	86	126	16	87	2,027	28.0	516	70,000	100
May '15	73	158	12	93	157	11	93	2,345	27.9	594	64,000	100
Jun '15	72	153	5	97	145	6	96	2,484	28.4	705	72,000	100
Jul '15	69	176	5	97	143	6	96	2,596	28.0	661	74,000	80
Aug '15	56	168	4	97	165	5	97	2,440	29.3	650	82,000	80
Sep '15	67	171	6	96	168	6	96	2,426	25.1	554	80,000	100
Oct '15	70	170	6	96	171	6	96	2,581	29.5	691	78,000	120
Nov '15	71	164	7	96	166	7	96	2,491	26.8	608	60,000	80
Dec '15	77	168	8	95	155	8	95	2,474	27.4	615	78,000	140
Ave	75	153	10	93	151	10	93		26.8			
Max	106											
Total	904							29,163		7,179	790,000	1,260

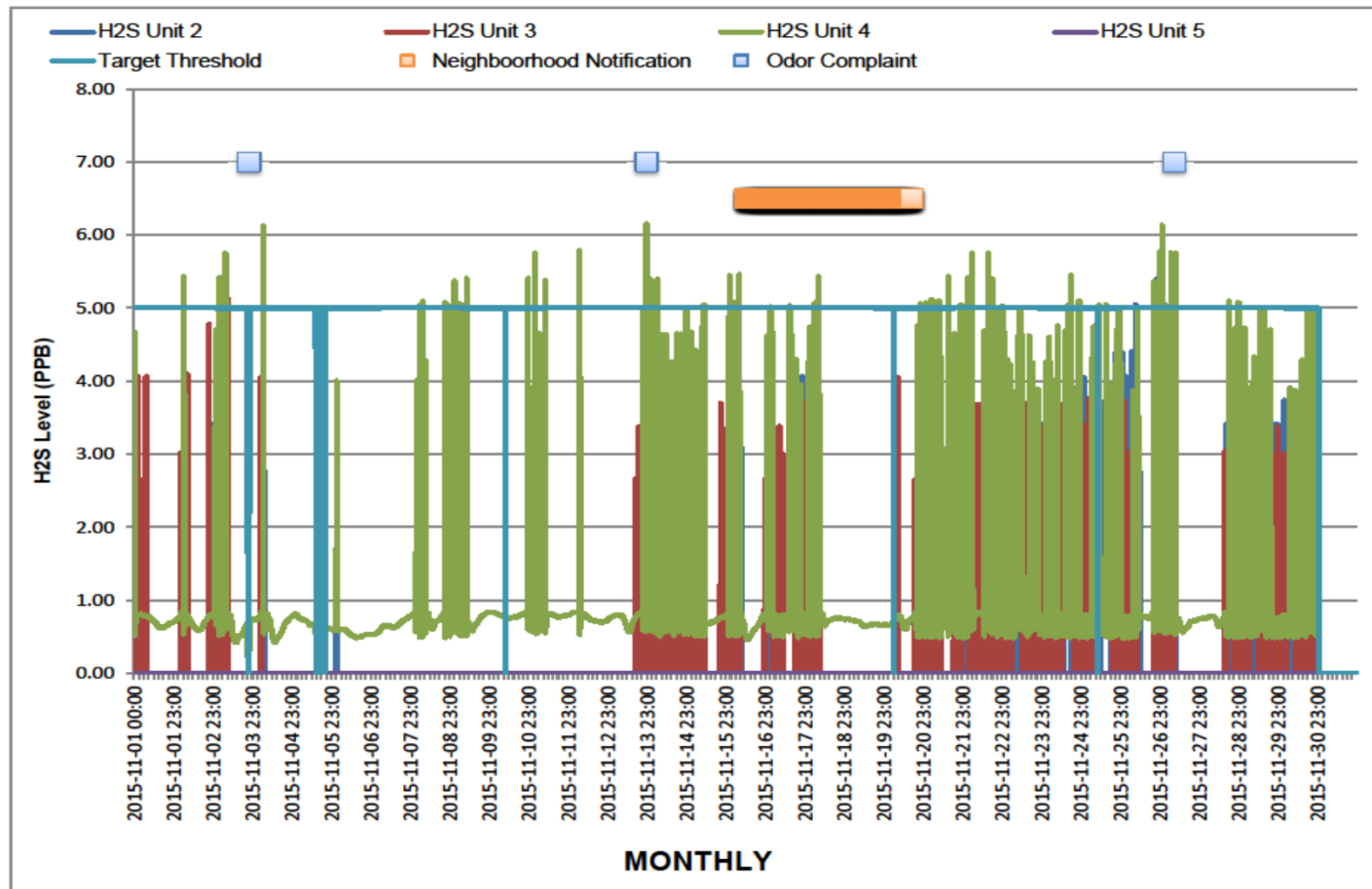
October Odor Complaints and Neighborhood Notifications



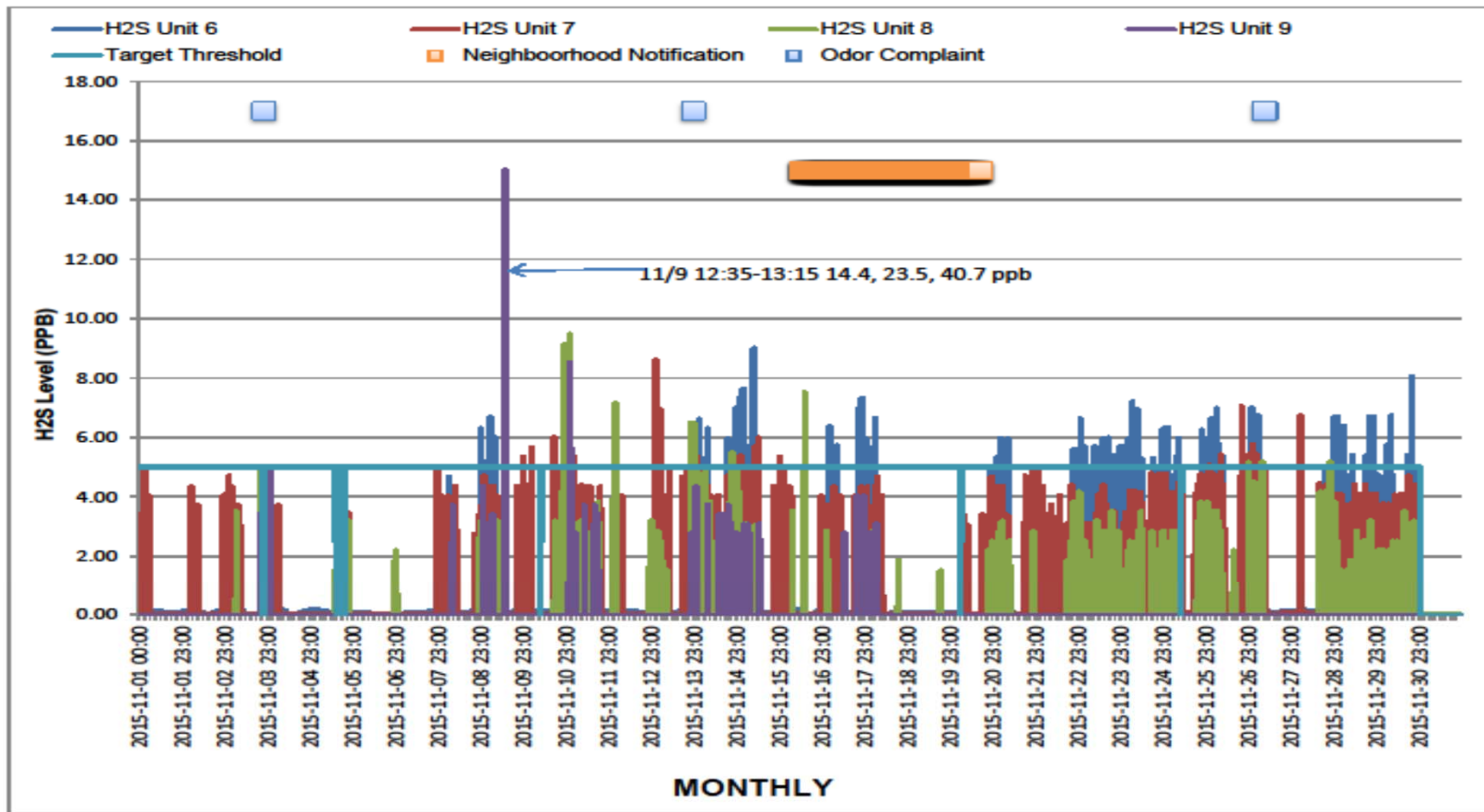
October Odor Complaints and Neighborhood Notifications



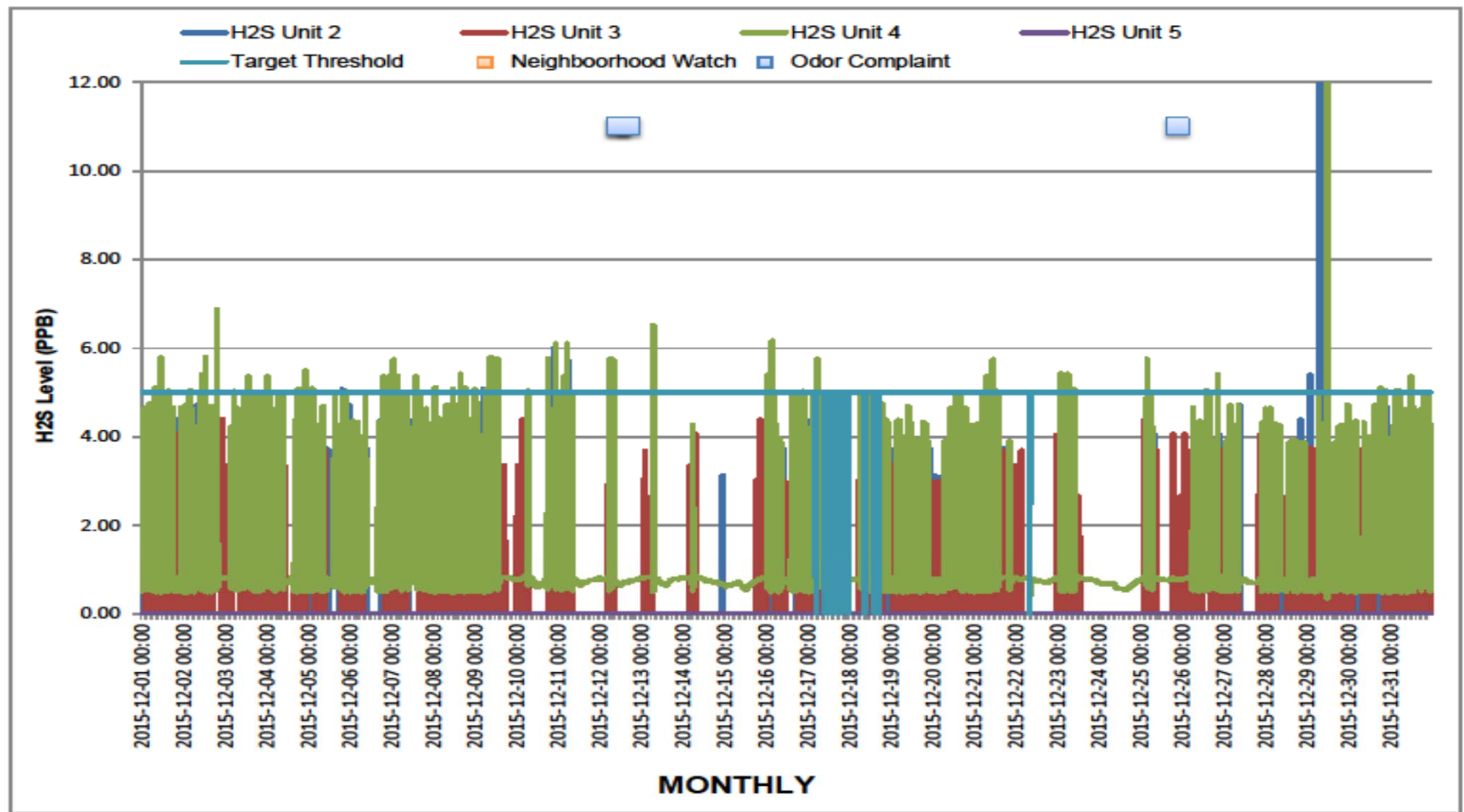
November Odor Complaints and Neighborhood Notifications



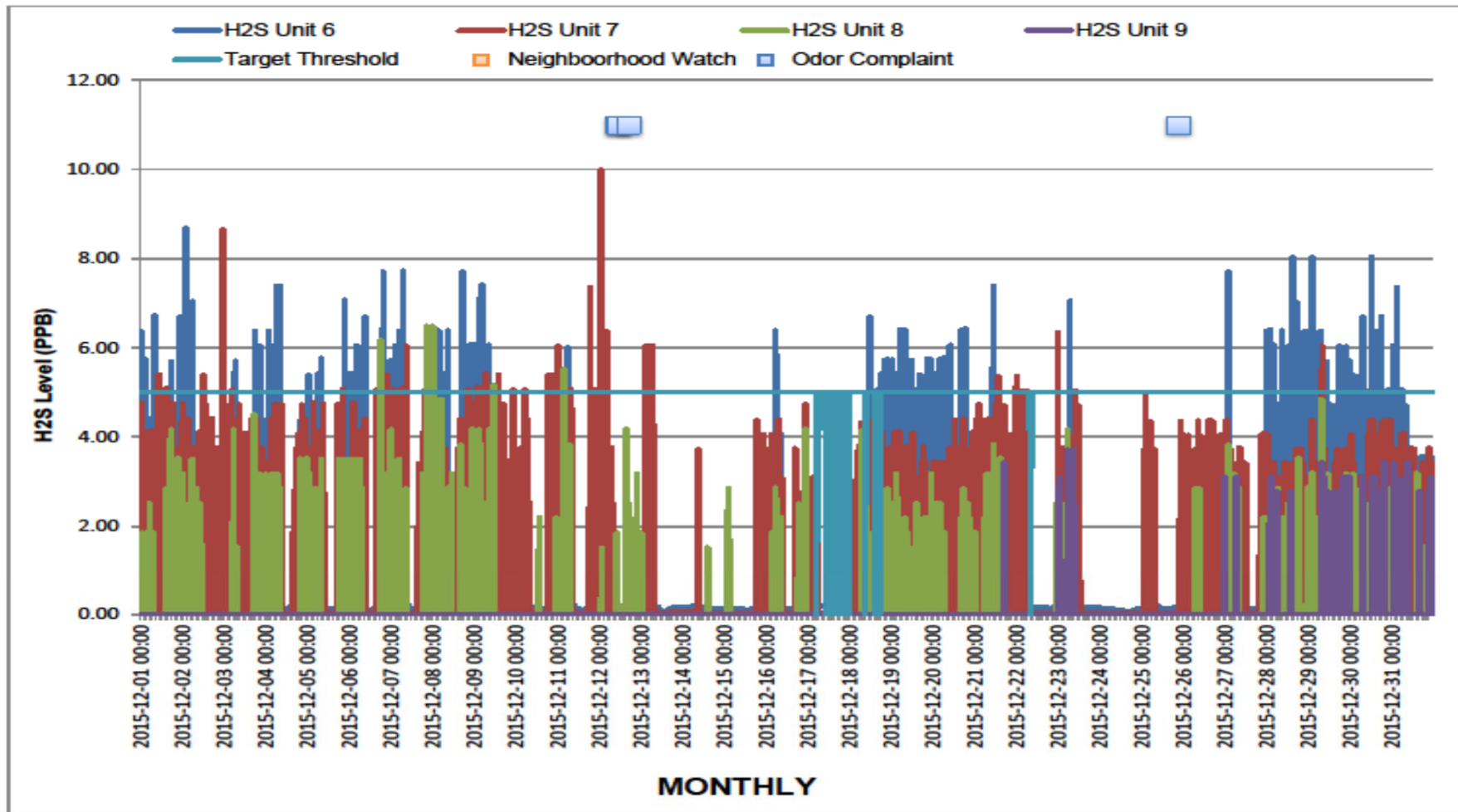
November Odor Complaints and Neighborhood Notifications



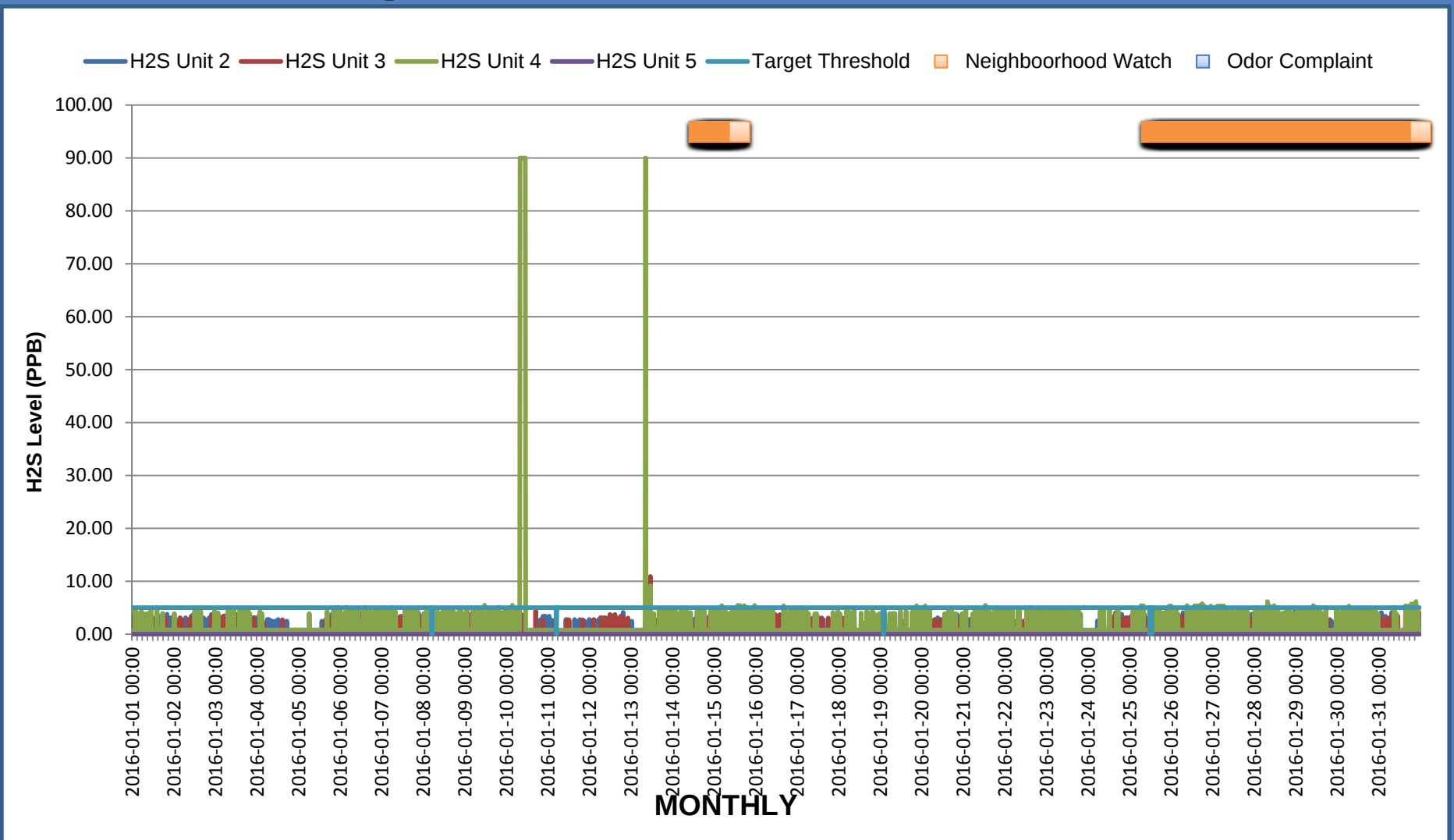
December Odor Complaints and Neighborhood Notifications



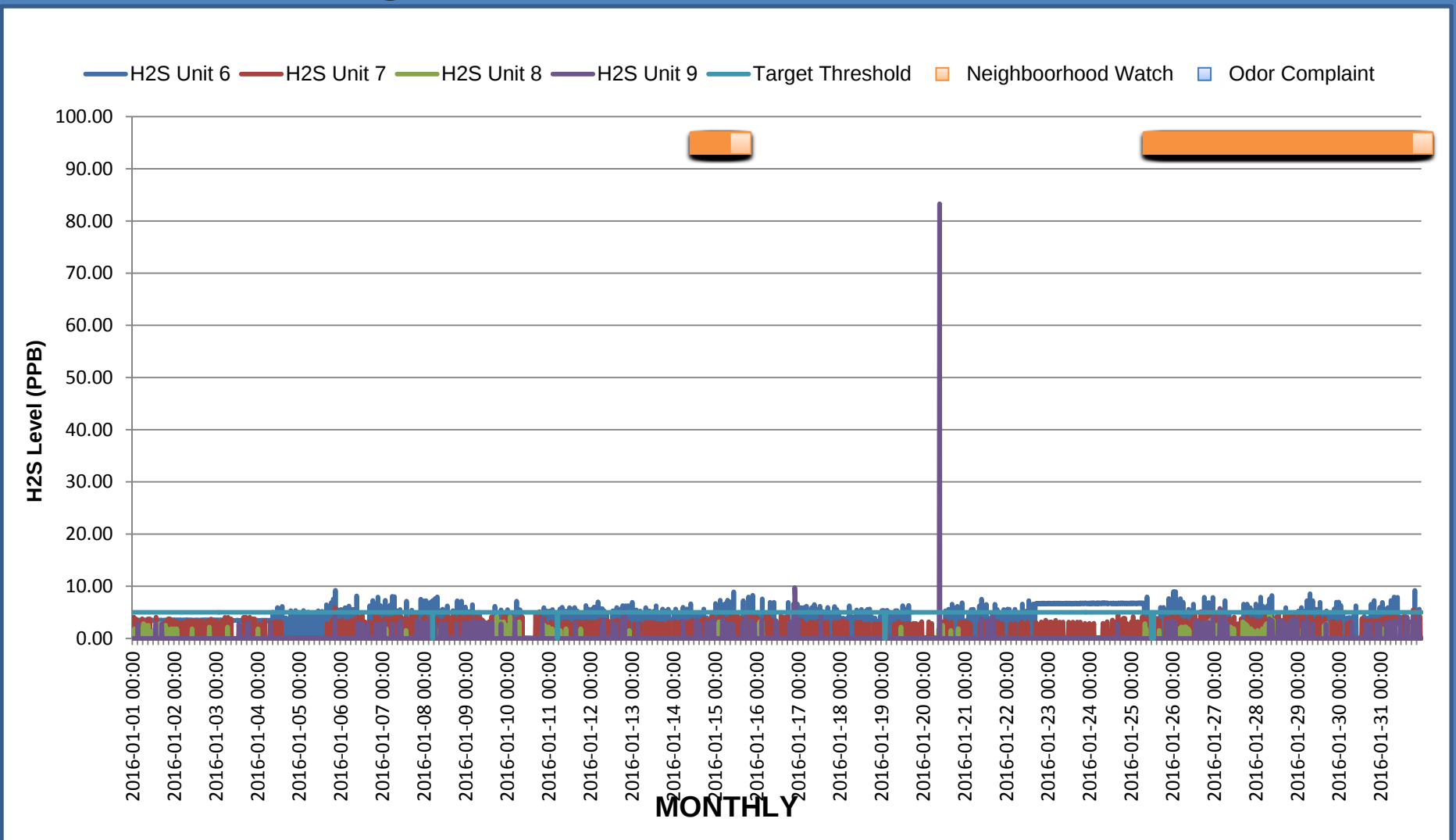
December Odor Complaints and Neighborhood Notifications



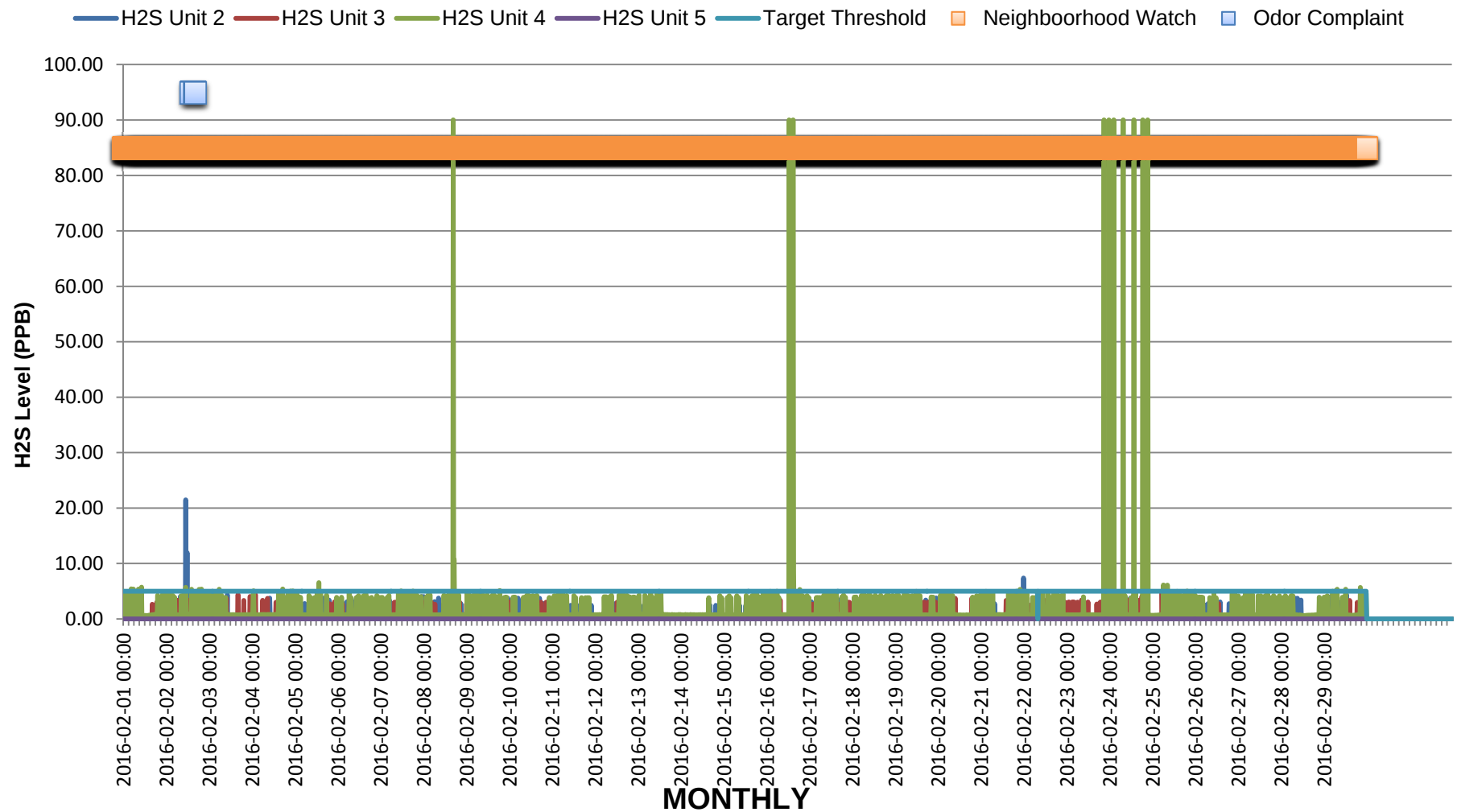
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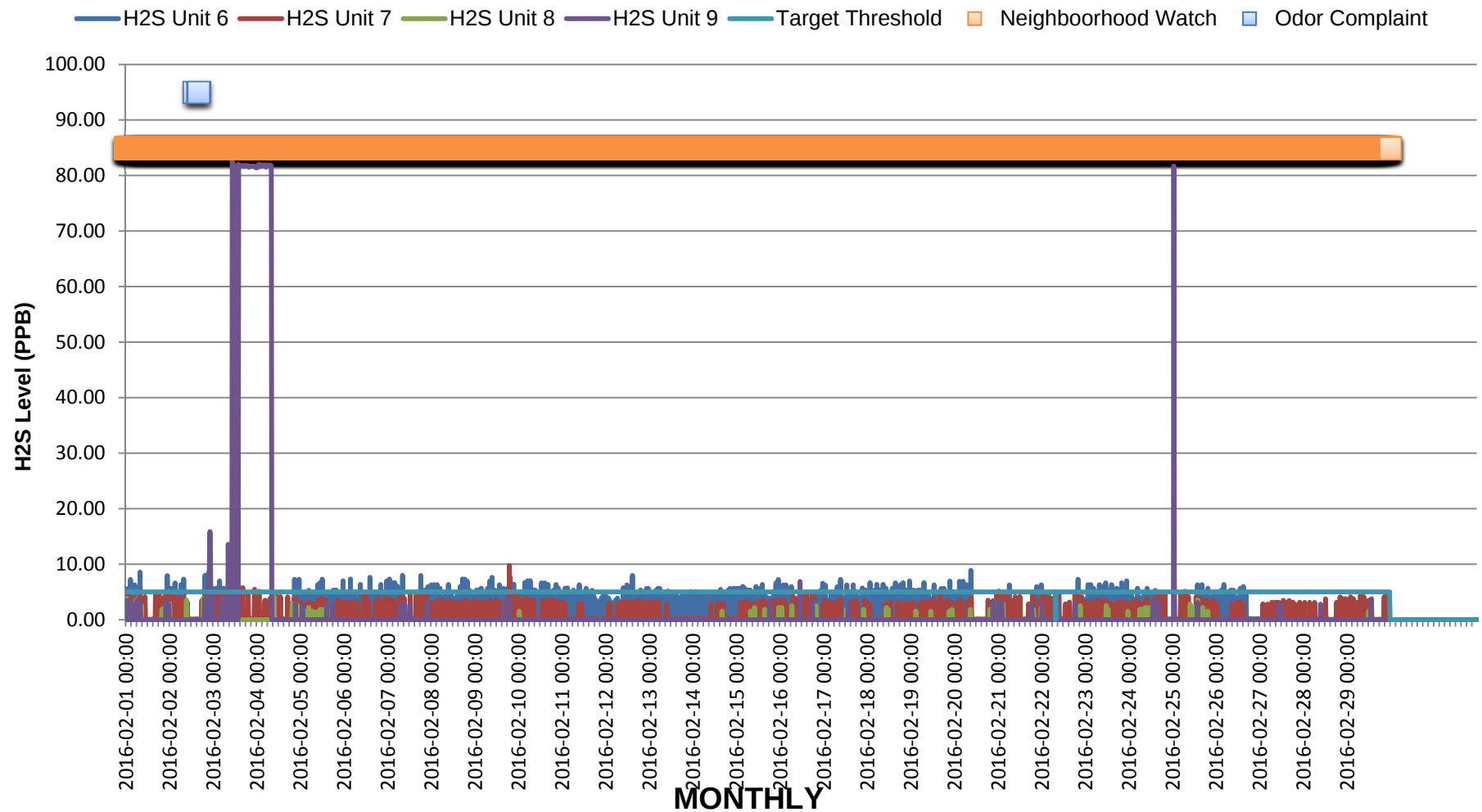
January Odor Complaints and Neighborhood Notifications



February Odor Complaints and Neighborhood Notifications



February Odor Complaints and Neighborhood Notifications



Questions