

Ludlow Park Residents Association Meeting



Yonkers Joint WRRF
Thursday September 22, 2016
7:00 PM

Yonkers Joint O&M Management Team

- Jeff Bryant
- Plant Superintendent
- 231-2847

- | | |
|----------------------------------|-----------------------------|
| • John Lennon | • Erwin Vazquez |
| • Supervisor of Plant Operations | • Supervisor of Maintenance |
| • 231-2852 | • 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 Early 2017
- Construction Started January 2016
- Scheduled Completion July 2017
- 55% Complete
- Bonding received June 2016. Out for Bid 4th Quarter 2016.

Odor Remediation Project – SY009

- Phase IV \$ 5.0 Million
Secondary Sludge
Thickening Bldg. HVAC
Upgrades
- Request Construction
Bonding 3rd Quarter
2017

Other Construction Projects

- Emergency Generator Replacement

New Electrical Switchgear and new Emergency Generator

- 98% complete
- Scheduled Completion December 2016

- Anaerobic Digester Gas Fueled Generator

New ADG Fueled Generator to Generate Electricity for Plant Use

- 99% Complete
- Final Acceptance Testing and Troubleshooting Ongoing

Other Construction Projects

- Sandy Repair Phase I
Repair of damage from Super Storm Sandy
- Sandy Repair Phase II
Repair of damage from Super Storm Sandy
- Sandy Repair Phase III
Repair of damage from Super Storm Sandy
- Vulnerability Study
Study to Identify Improvements to Storm Resiliency
- Start of Construction January 2016
- Approximately 70% complete
- Notice to Proceed Issued July 2016
- Notice to Proceed Issued August 2016
- 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

- Reviewing Bids

- Phase II design at 60%

Other Construction Projects

- Grit System Upgrade

Refurbishment of Grit Removal System With Redundancy Additions

- Sluice Gate Project

- Secondary Treatment Area Upgrades

- Future Projects

- Design Started

December 2015. 30% meeting on May 2016

- Design Kickoff 2/16/16. Awaiting 30% design.

- Design Kickoff 2/29/16. 30% complete on July 2016.

- Electrical and Lighting bonding approved June 2016.

Annual Performance Report 2016

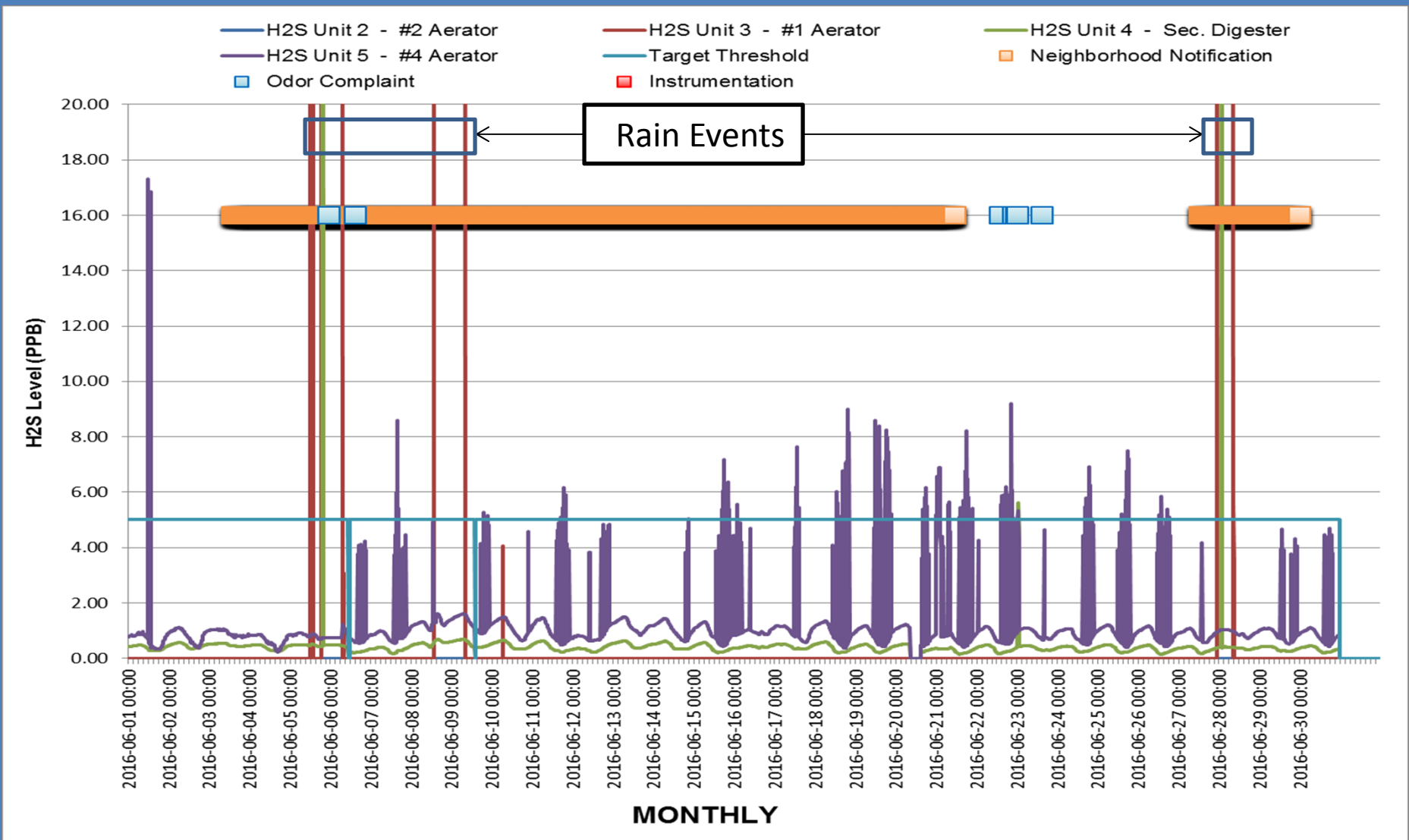
YONKERS JOINT WASTEWATER TREATMENT PLANT

YEARLY PERFORMANCE REPORT

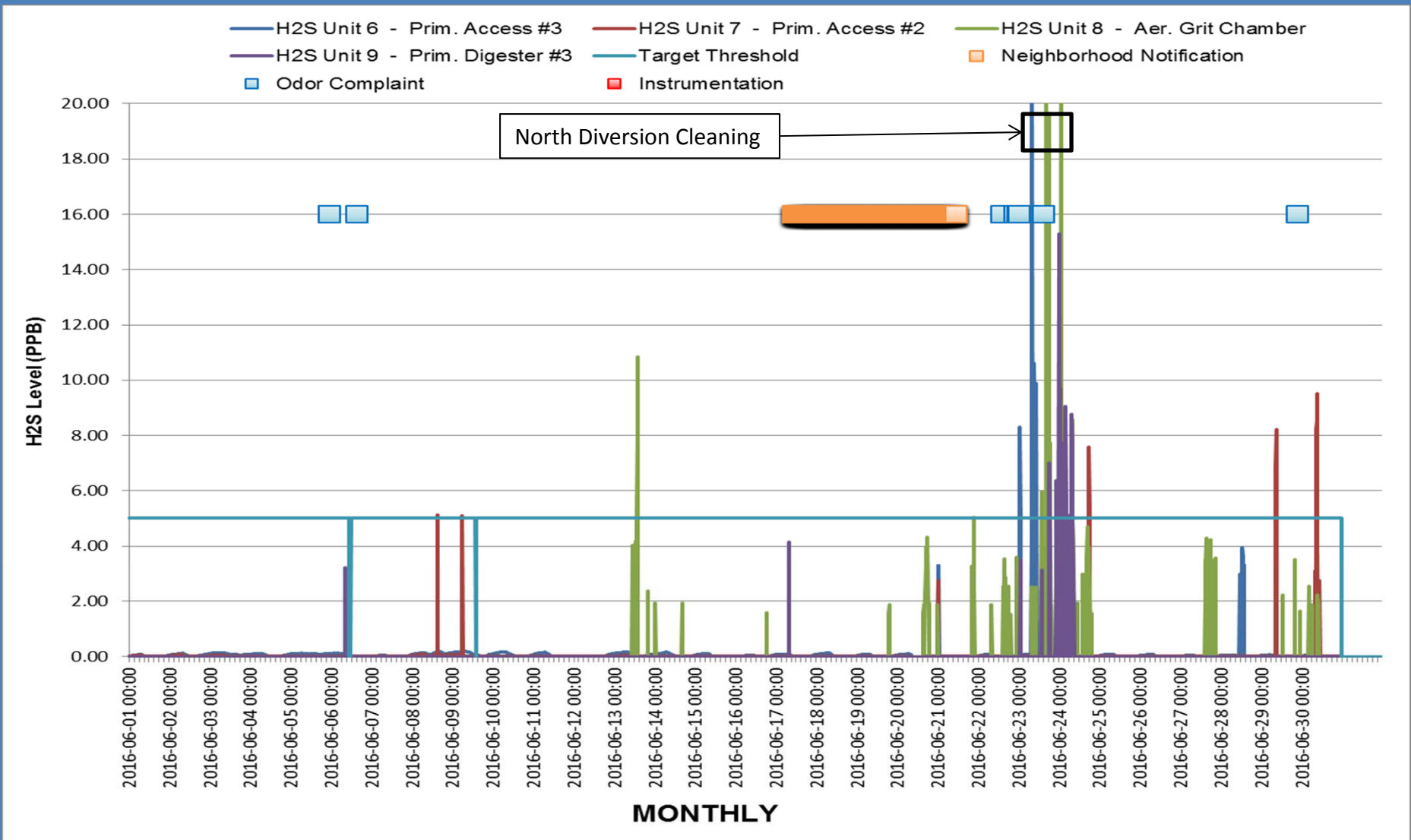
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MONTH	FLOW THROUGH PLANT (mgd)	Suspended Solids			Biochemical Oxygen Demand			SLUDGE CAKE REMOVED			SEWAGE	
		Inf Mg/L	Eff Mg/L	PLANT % Rem	Inf Mg/L	Eff Mg/L	PLANT % Rem	WET TONS	PERCENT SOLIDS	DRY M-TONS	SCREENINGS LBS	GRIT CU.YDS.
Jan '16	83	149	9	94	130	10	92	2,395	25.6	556	120,000	200
Feb '16	97	130	19	85	115	18	84	2,298	28.7	600	90,000	140
Mar '16	80	167	15	91	153	14	91	2,311	28.1	589	48,000	100
Apr '16	68	165	6	96	155	7	96	2,577	28.9	676	54,000	120
May '16	71	184	7	96	136	6	96	2,658	26.6	644	52,000	120
Jun '16	68	199	5	98	150	5	97	2,799	27.6	773	54,000	120
Jul '16	65	177	7	96	133	6	96	2,382	25.1	542	44,000	120
Aug '16	63	186	11	94	139	6	96	2,606	25.7	610	50,000	100
Sep '16	60	193	7		163	6		1,126	27.9		16,000	60
Oct '16												
Nov '16												
Dec '16												
Ave	73	172	10	94	142	9	93		27.1			
Max	97											
Total	656							21,152		4,989	512,000	1,020

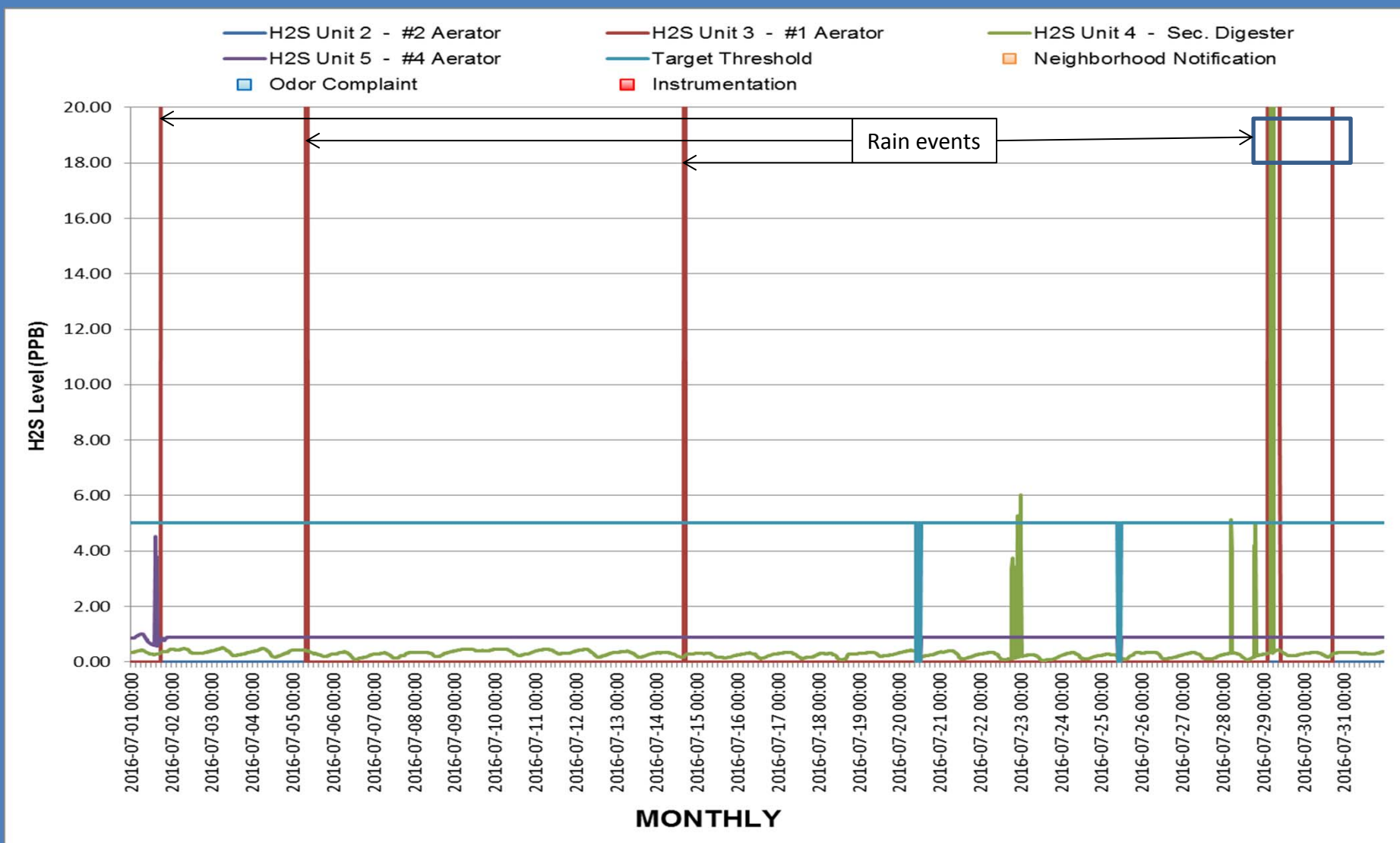
June, 2016 - Odor Complaints and Neighborhood Notifications



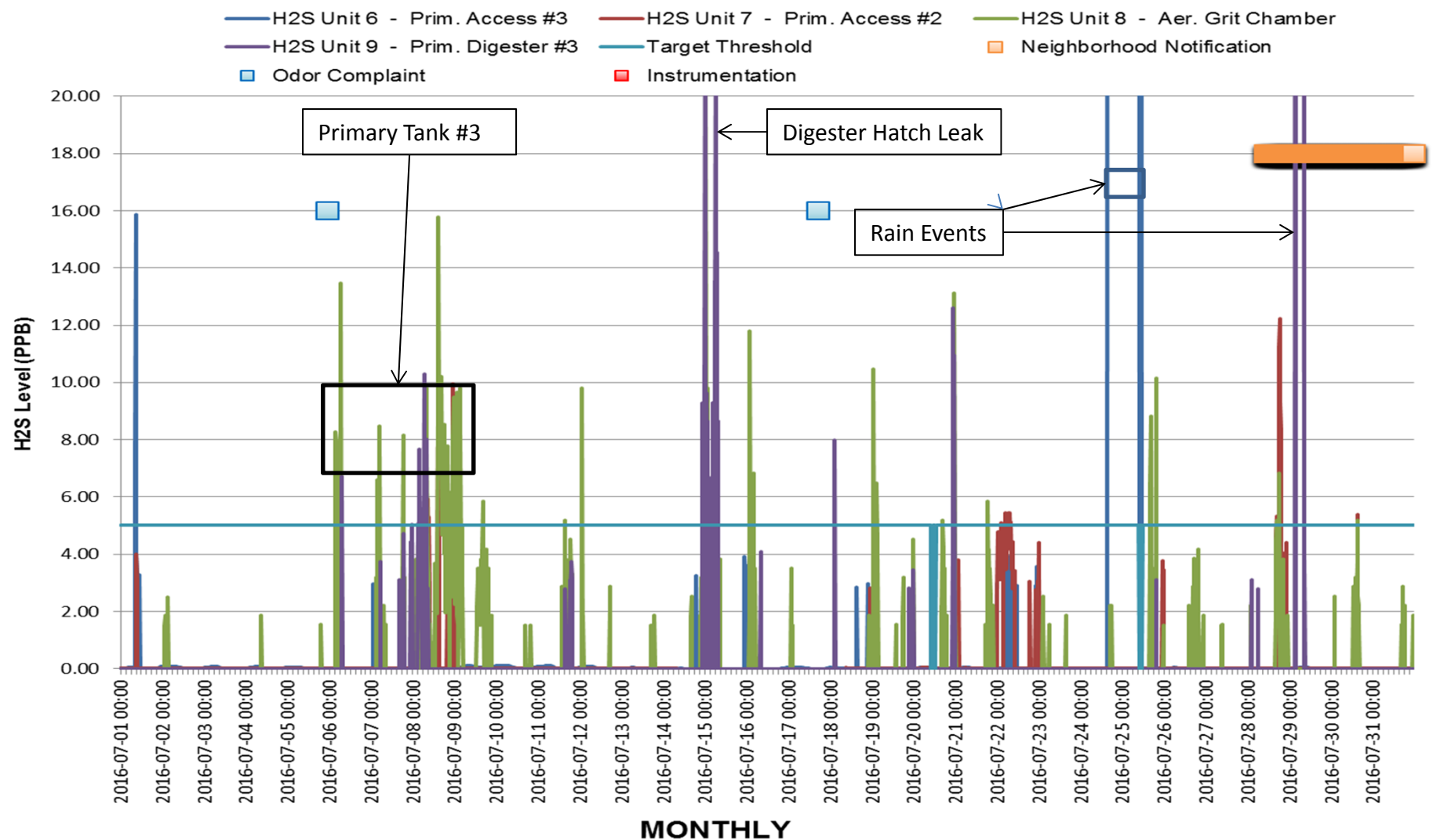
June, 2016 - Odor Complaints and Neighborhood Notifications



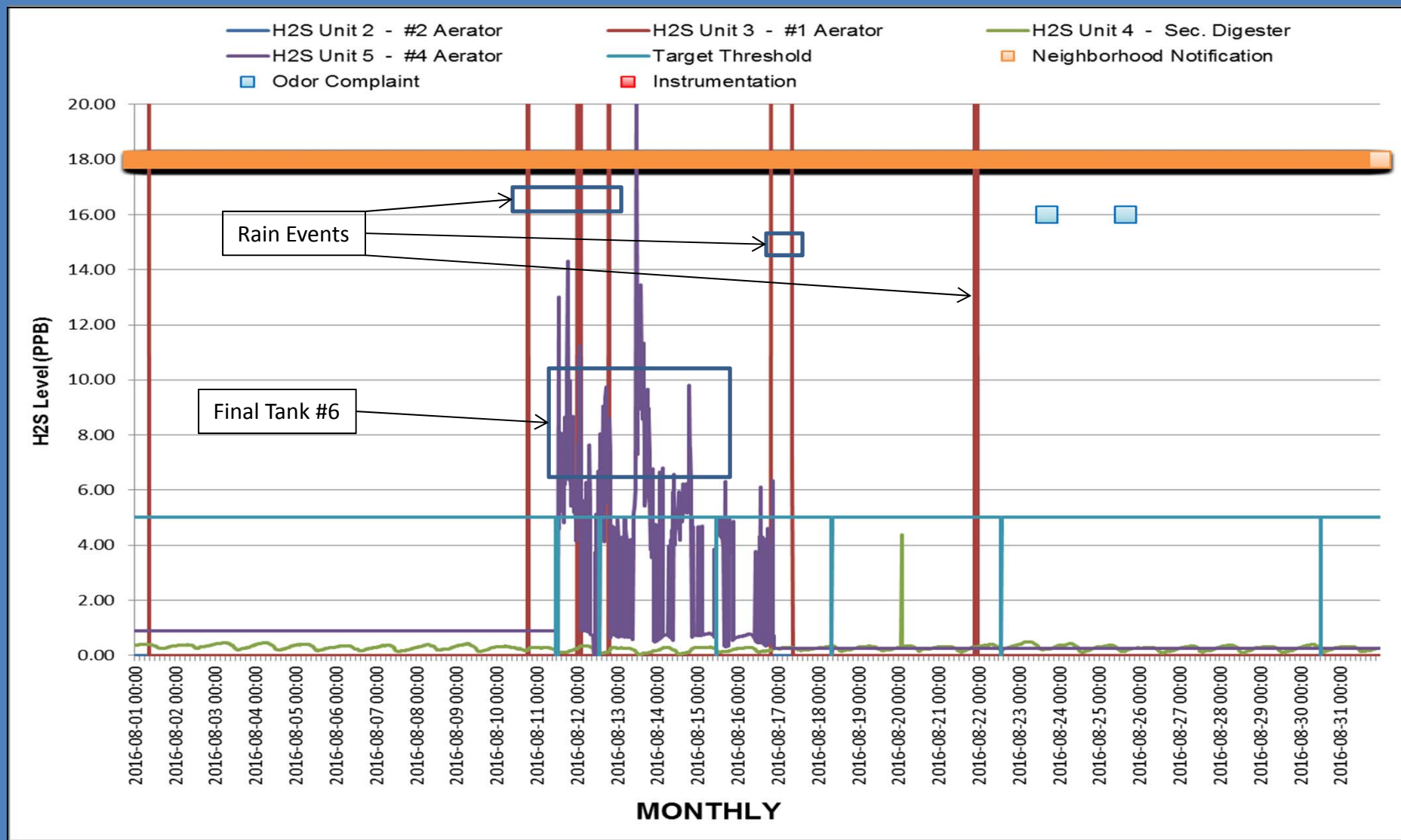
July, 2016 - Odor Complaints and Neighborhood Notifications



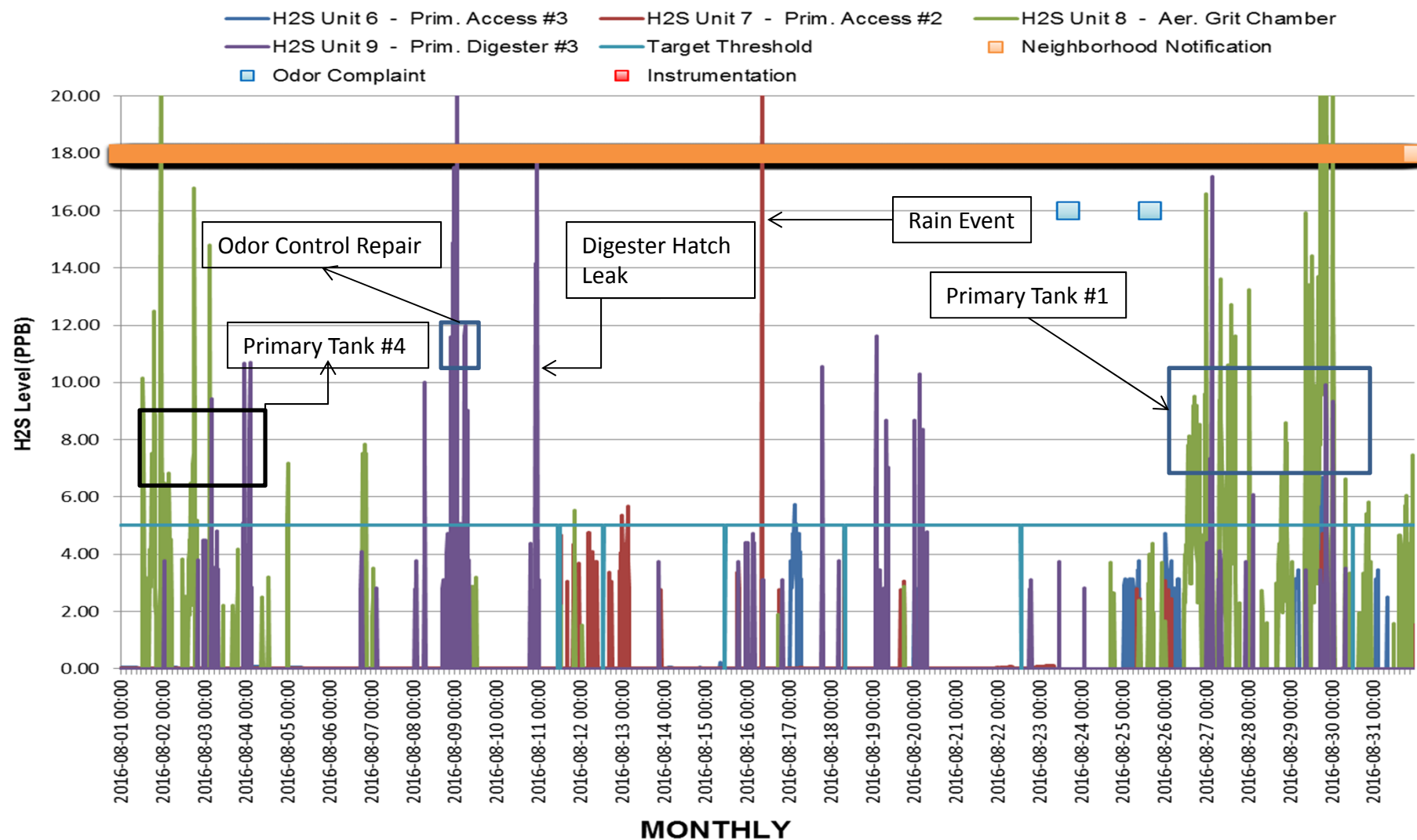
July, 2016 - Odor Complaints and Neighborhood Notifications



August, 2016 - Odor Complaints and Neighborhood Notifications



August, 2016 - Odor Complaints and Neighborhood Notifications



Legislator Perez and Plant Superintendent Jeff Bryant continuously monitor the progress of the odor control related projects and issues.



Questions