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JUL 15 2015

By Wastewater Quality



July 14, 2014

Lou Provencio
City of Chandler Wastewater Quality Division, Mail Stop 396
PO Box 4008
Chandler, AZ 85244-4008

SUBJECT: 1st Half 2015 Self-Monitoring Report - July 2015 Submission (Jan.-June 2015 Period)
Intel Corporation - Ocotillo Campus (IUP #9)

Dear Mr. Provencio:

Intel Corporation operates its Ocotillo Campus at 4500 S. Dobson Rd. in Chandler, AZ and holds Industrial User Permit (IUP) #9 issued by the City of Chandler for wastewater discharges. This letter provides certification of Intel Ocotillo's data, the final component of Intel's Significant Industrial User Self-Monitoring Report, as required by IUP #9 Condition III.A.3, for the first half of 2015.

The permit establishes four Acid Waste Neutralization system (AWN) compliance points:

- IWD-1 is the Fab 12 AWN, formerly called RO-100
- IWD-2 is the Fab 12 Slurry Liquid Waste Neutralization system (SLW)
- IWD-6 is the Fab 32 AWN
- IWD-8 is the Fab 22 AWN

The permit establishes three outfall compliance points:

- IWD-3 is the East Sewer Outfall (ESO)
- IWD-4 is the North Sewer Outfall (NSO)
- IWD-9 is the Main Sewer Outfall (MSO)

Attached are the following records:

- pH records: Summary graphs from the Facilities Monitoring System for IWD-1, IWD-2, IWD-6, and IWD-8
- Flow records: Summary tables and graphs from the Facilities Monitoring System for IWD-3, IWD-4, and IWD-9

Analytical Data:

- Summary tables for the compliance sampling and analysis conducted during the period.
- Copies of the full laboratory reports:
 - Federal TTO: T.A. Job ID 550-40538-1 (2/23/2015)
 - Outfall Local Limits: T.A. Job ID 550-39932-1 (2/10/2015)

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- Copies of the full laboratory reports were sent previously and include the following:
 - January:
 - TN/COD: T.A. 550-37789-1 (1/5/2015)
 - TN: T.A. 550-38214-1 (1/12/2015)
 - TN: T.A. 550-38654-1 (1/19/2015)
 - TN: T.A. 550-38999-1 (1/26/2015)
 - February:
 - TN/COD: TA 550-39344-1 (2/2/2015)
 - TN/COD: TA 550-39812-1 (2/9/2015)
 - TN/COD: TA 550-40242-1 (2/16/2015)
 - TN/COD: TA 550-40305-1 (2/18/2015)
 - TN: TA 550-40533-1 (2/23/15)
 - March:
 - TN/COD: TA 550-40859-1 (3/2/2015)
 - TN: TA 550-41247-1 (3/9/15)
 - TN/COD: TA 550-41750-1 (3/17/2015)
 - TN/COD: TA 550-42052-1 (3/23/2015)
 - TN: TA 550-42379-1 (3/30/2015)
 - April:
 - TN/COD: TA 550-42695-1 (4/6/2015)
 - TN/COD: TA 550-43127-1 (4/13/2015)
 - TN: TA 550-43493-1 (4/20/2015)
 - TN: TA 550-43804-1 (4/27/2015)
 - May:
 - TN/COD: TA 550-44578-1 (5/9/2015)
 - TN/COD: TA 550-44678-1 (5/12/2015)
 - TN: TA 550-44969-1 (5/18/2015)
 - TN: TA 550-45330-1 (5/26/2015)
 - June:
 - TN/COD: TA 550-45553-1 (6/1/15)
 - TN: TA 550-46000-1 (6/8/15)
 - TN: TA 550-46383-1 (6/15/15)
 - TN: TA 550-46680-1 (6/22/15)

The attached data is indicative that Intel Corporation complied with its discharge limits.

Please call or email Kristin Mutolo at (480) 715-5898 or kristin.l.mutolo@intel.com if you have any questions. Please include her mail stop, OC4-005, on any postal correspondence.

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

On behalf of Intel Corporation,



INTEL CORPORATION

Aaron D. Blawn

Corporate Services Ocotillo Site EHS Manager

Intel Corporation – Ocotillo Campus, Chandler, AZ

Wastewater Discharge Self-Monitoring Results for H1 2015 Compliance

LOCAL LIMITS								
	Results (mg/L)							
Parameter	ESO	NSO	MSO	Reporting Limit	Site	Permit Limit (mg/L)	Grab or Time Comp	Test Method
	IWD-3	IWD-4	IWD-9					
Fluoride	3.3	4.5	4.5	0.40	4.5	10	Time Comp	300
Arsenic	ND	ND	ND	0.10	ND	0.22	Time Comp	200.7
Boron	0.86	0.19	0.19	0.050	0.2	2.4	Time Comp	200.7
Cadmium	ND	ND	ND	0.0010	ND	0.06	Time Comp	200.7
Chromium (T)	ND	ND	ND	0.010	ND	0.43	Time Comp	200.7
Copper	0.043	0.016	0.016	0.010	0.02	1.5	Time Comp	200.7
Cyanide (T)	ND	ND	ND	0.0080	ND	0.36	Grab	SM4500 CN E
Lead	ND	ND	ND	0.015	ND	0.46	Time Comp	200.7
Manganese	0.015	ND	ND	0.010	0.01	1	Time Comp	200.7
Molybdenum	0.017	ND	ND	0.010	0.01	0.074	Time Comp	200.7
Mercury	ND	ND	ND	0.00020	ND	0.02	Time Comp	245.1
Nickel	ND	ND	ND	0.010	ND	0.6	Time Comp	200.7
Selenium	0.0058	0.0028	0.0028	0.0020	0.003	0.07	Time Comp	200.8
Silver	ND	ND	ND	0.010	ND	0.3	Time Comp	200.7
Zinc	0.16	ND	ND	0.050	0.05	9	Time Comp	200.7
Oil & Grease	21	ND	ND	5.6 (ESO) 5.8(MSO)	6.12	100	Grab	1664A
Chloroform	ND	ND	ND	2.0	ND	0.37	Grab	624
TSS (lb/day)	35	11	11	10	687 lb/day	10200 lb/day	Time Comp	SM2540D
COD (lb/day)	160	74	74	20	4,530 lb/day	30000 lb/day	Time Comp	SM5220D
TN (lb/day)	27	21	21	0.10	1263 lb/day	3500 lb/day	Time Comp	300 351.2
Flow (MGD)	0.15	0.017	6.999	-	7.166	9.1	-	-

FEDERAL LIMITS: SEMICONDUCTOR							
Parameter	Results (mg/L)				Limit (mg/L)	Grab or Time Comp	Test Method
	IWD-1	IWD-2	IWD-6	IWD-8			
TTO	<0.227	-	-	-	0.87	Both	624
TTO	-	<0.090	-	-	1.14	Both	625
TTO	-	-	<0.230	-	1.30	Both	8270C
TTO	-	-	-	<0.090	1.22	Both	

¹ Intel is allowed to exceed this Discharge standard as long as the BMP relating to the discharge of fluoride are followed and included in the permit.

Intel Corporation – Ocotillo Campus, Chandler, AZ

Wastewater Discharge Self-Monitoring Results for H1 2015 Compliance

COD/TN LIMITS								
Sample Date	Parameter	Results (mg/L)			Site (lb/day or MGD)	Limit (lb/day)	Grab or Time Comp	Test Method
		ESO	NSO	MSO				
		IWD-3	IWD-4	IWD-9				
1/5/2015	COD - WW02	98	-	53	3,430	30,000	Time Comp	SM5220D
	TN - WW02	17	-	21	1,309	3,500	Time Comp	300 351.2
	Flow (MGD)	0.275	0.007	7.243	7.525	9.1 MGD	-	-
1/12/2015	TN - WW03	16	-	17	1,067	3,500	Time Comp	300 351.2
	Flow (MGD)	0.199	0.014	7.327	7.54	9.1 MGD	-	-
1/19/2015	TN - WW04	17	-	27	1,652	3,500	Time Comp	300 351.2
	Flow (MGD)	0.204	0.011	7.195	7.41	9.1 MGD	-	-
1/26/2015	TN - WW05	17	-	21	1,282	3,500	Time Comp	300 351.2
	Flow (MGD)	0.177	0.01	7.165	7.352	9.1 MGD	-	-
2/2/2015	COD-WW06	23	-	76	4,641	30,000	Time Comp	SM5220D
	TN - WW06	18	-	22	1,358	3,500	Time Comp	300 351.2
	Flow (MGD)	0.151	0.009	7.277	7.438	9.1 MGD	-	-
2/9/2015	COD - WW07	130	-	78	4,887	30,000	Time Comp	SM5220D
	TN - WW07	18	-	19	1,165	3,500	Time Comp	300 351.2
	Flow (MGD)	0.222	0.017	7.141	7.38	9.1 MGD	-	-
2/16/2015	COD-WW08.2	650	-	41	3,362	30,000	Time Comp	SM5220D
	TN - WW08.2	53		17	1,107	3,500	Time Comp	300 351.2
	Flow (MGD)	0.159	0.016	7.312	7.487	9.1 MGD	-	-
2/18/2015	COD-WW08.4	180	-	51	3,159	30,000	Time Comp	SM5220D
	TN - WW8.4	27	-	17	1,010	3,500	Time Comp	300 351.2
	Flow MGD	0.154	0.014	6.881	7.05	9.1 MGD	-	-
2/23/2015	TN - WW09	16	-	25	1,472	3,500	Time Comp	300 351.2
	Flow (MGD)	0.128	0.013	6.979	7.12	9.1 MGD	-	-
3/2/2015	COD-WW10	97	-	66	4,078	30,000	Time Comp	SM5220D
	TN - WW10	18	-	23	1,403	3,500	Time Comp	300 351.2

	Flow (MGD)	0.141	0.011	7.19	7.342	9.1 MGD	-	-
3/9/2015	TN - WW11	18	-	21	1,183	3,500	Time Comp	300 351.2
	Flow (MGD)	0.171	0.018	6.672	6.86	9.1 MGD	-	-
3/17/2015	TN - WW12	21	-	15	902	3,500	Time Comp	300 351.2
	Flow (MGD)	0.201	0.022	6.906	7.129	9.1 MGD	-	-
3/23/2015	COD - WW13	98	-	890 ¹	51,708	30,000	Time Comp	SM5220D
	TN - WW13	14	-	65 ¹	3,791	3,500	Time Comp	300 351.2
	Flow MGD	0.262	0.021	6.917	7.2	9.1 MGD	-	-
3/30/2015	COD - WW14	100	-	54	3,357	30,000	Time Comp	SM5220D
	TN - WW14	18	-	21	1,472	3,500	Time Comp	300 351.2
	Flow (MGD)	0.238	0.024	6.988	7.251	9.1 MGD	-	-
4/6/2015	COD-WW15	150	-	54	3,408	30,000	Time Comp	SM5220D
	TN - WW15	18	-	16	988	3,500	Time Comp	300 351.2
	Flow (MGD)	0.1	0.02	7.27	7.39	9.1 MGD	-	-
4/13/2015	COD-WW16	110	-	73	4,805	30,000	Time Comp	SM5220D
	TN - WW16	16	-	21	1,358	3,500	Time Comp	300 351.2
	Flow (MGD)	0.184	0.021	7.594	7.799	9.1 MGD	-	-
4/20/2015	TN - WW17	19	-	18	1,051	3,500	Time Comp	300 351.2
	Flow (MGD)	0.101	0.023	6.873	6.997	9.1 MGD	-	-
4/27/2015	TN - WW18	16	-	20	1,175	3,500	Time Comp	300 351.2
	Flow MGD	0.102	0.018	6.942	7.062	9.1 MGD	-	-
5/9/2015	COD-WW19	160	-	65	4,079	30,000	Time Comp	SM5220D
	TN - WW19	15	-	19	1,152	3,500	Time Comp	300 351.2
	Flow (MGD)	0.152	0.017	7.13	7.299	9.1 MGD	-	-
5/12/2015	COD-WW20	100	-	120	7,095	30,000	Time Comp	SM5220D
	TN - WW20	22	-	29	1,711	3,500	Time Comp	300 351.2
	Flow (MGD)	0.164	0.024	6.929	7.117	9.1 MGD	-	-
5/18/2015	TN - WW21	17	-	24	1,468	3,500	Time Comp	300 351.2
	Flow (MGD)	0.387	0.021	7.039	7.447	9.1 MGD	-	-
5/26/2015	TN - WW22	14	-	20	1,203	3,500	Time Comp	300 351.2
	Flow (MGD)	0.291	0.025	6.983	7.299	9.1 MGD	-	-
6/1/2015	COD-WW23	100 ²	-	68	4,517	30,000	Time Comp	SM5220D
	TN - WW23	14	-	26	1,635	3,500	Time Comp	300 351.2

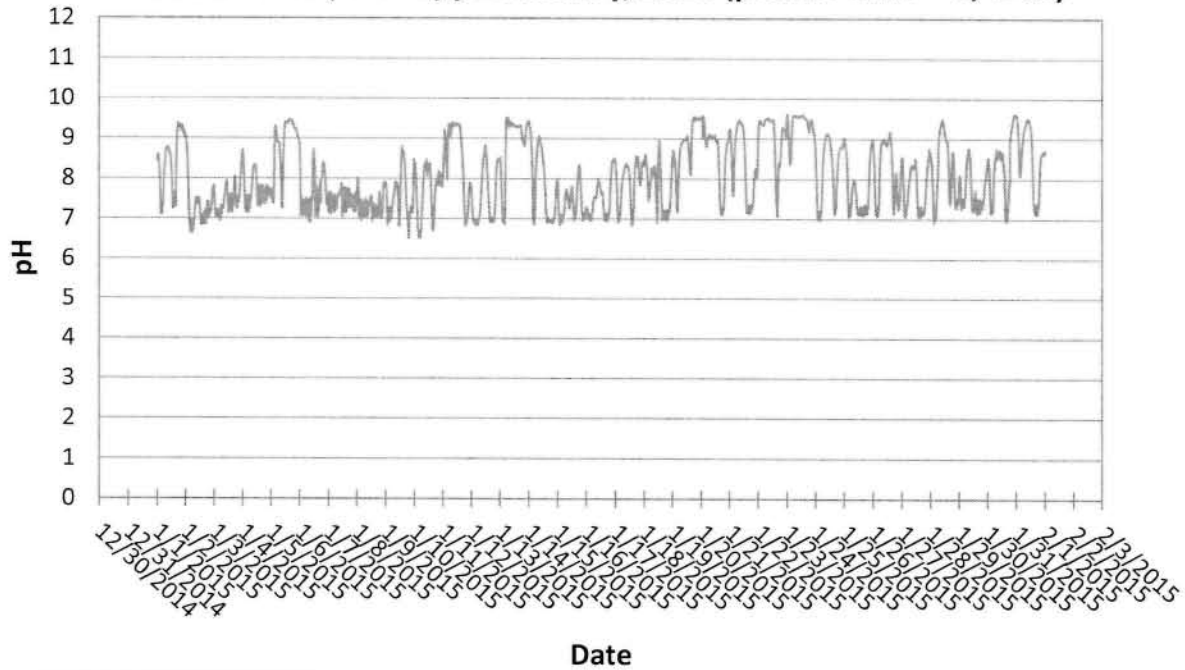
	Flow (MGD)	0.456	0.031	7.264	7.751	9.1 MGD	-	-
6/8/2015	TN - WW24	13	-	25	1,535	3,500	Time Comp	300 351.2
	Flow (MGD)	0.636	0.029	7.004	7.669	9.1 MGD	-	-
6/15/2015	TN - WW25	13	-	18	1,123	3,500	Time Comp	300 351.2
	Flow (MGD)	0.508	0.033	7.083	7.624	9.1 MGD	-	-
6/22/2015	TN - WW26	13	-	21	1,350	3,500	Time Comp	300 351.2
	Flow (MGD)	0.823	0.034	7.162	8.019	9.1 MGD	-	-

As previously discussed, the majority of the flow is flowing through MSO as intended under normal operating conditions

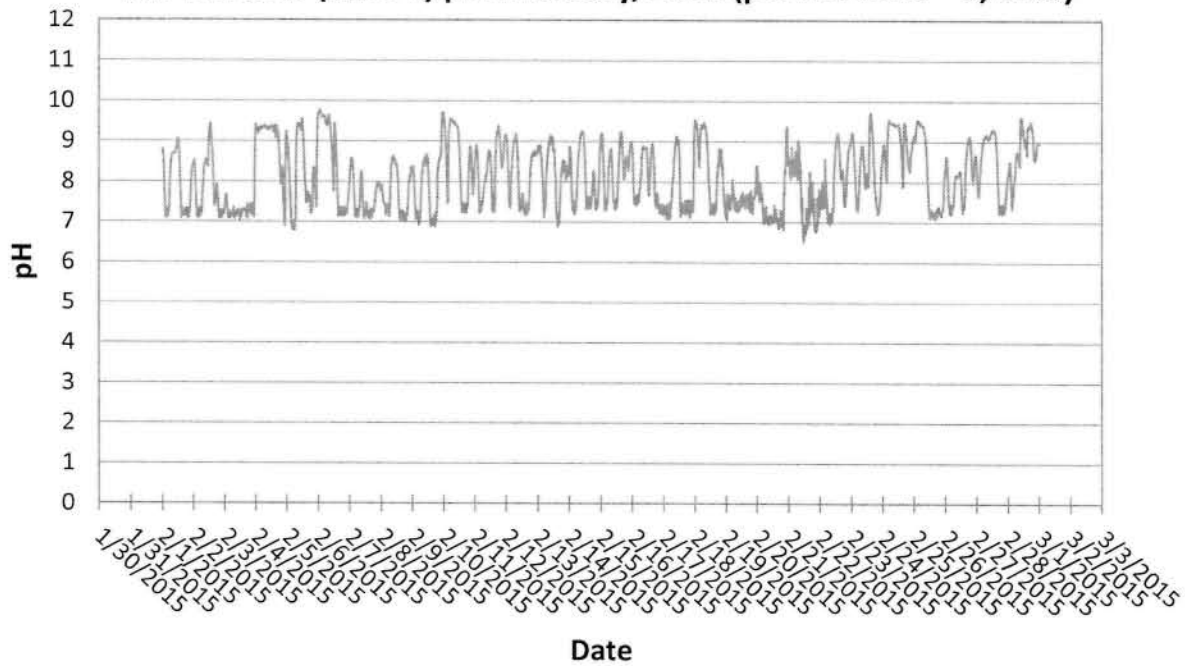
¹ MSO Sample from March 23, 2015 determined to be invalid sample per June 5, 2015 results of Petition for Sample Reconsideration.

² Minimum reporting limit is reported due to a non-detect of analyte in the sample.

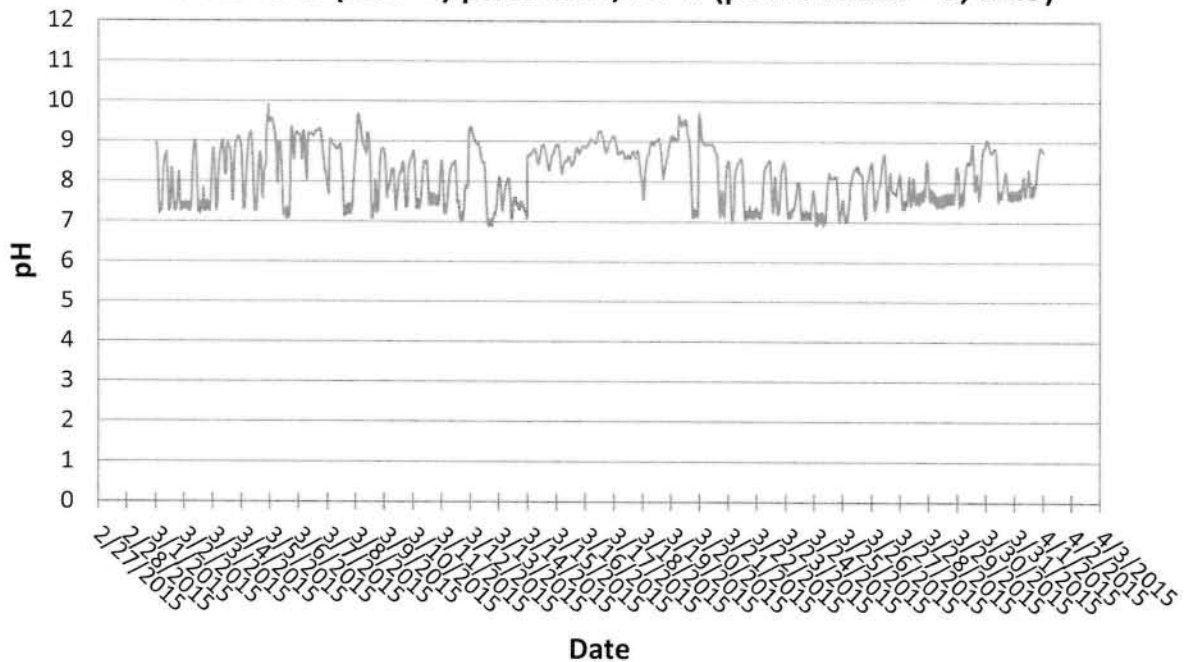
Fab 12 AWN (IWD-1) pH January, 2015 (permit limit = 5, 12.5)



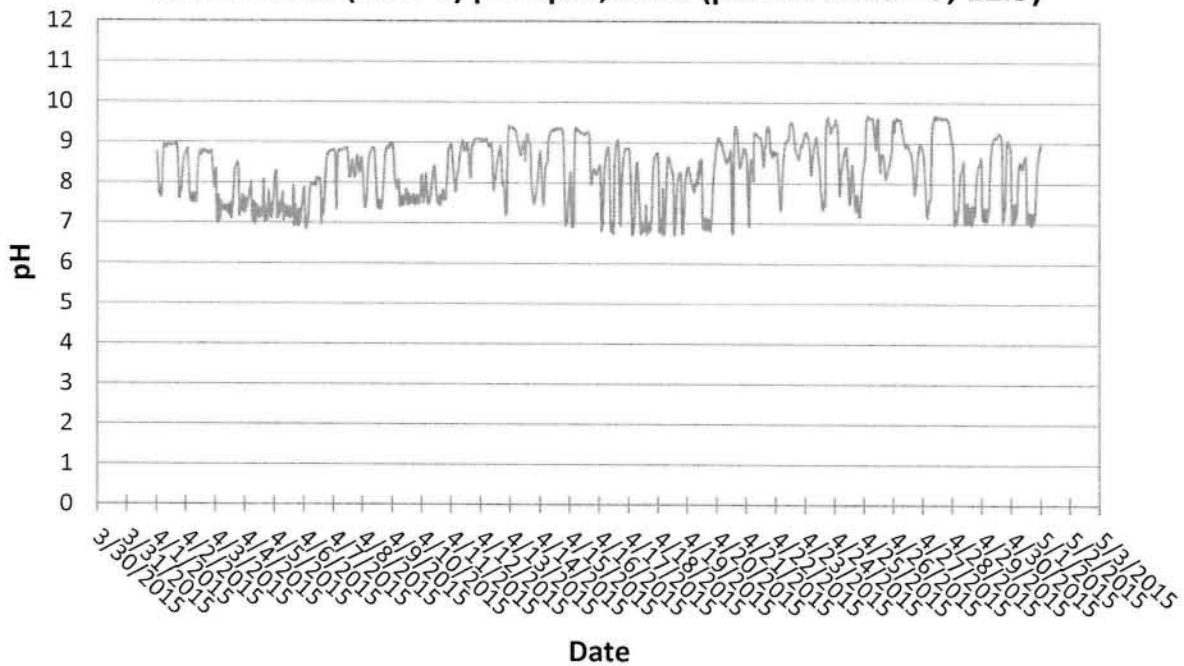
Fab 12 AWN (IWD-1) pH February, 2015 (permit limit = 5, 12.5)



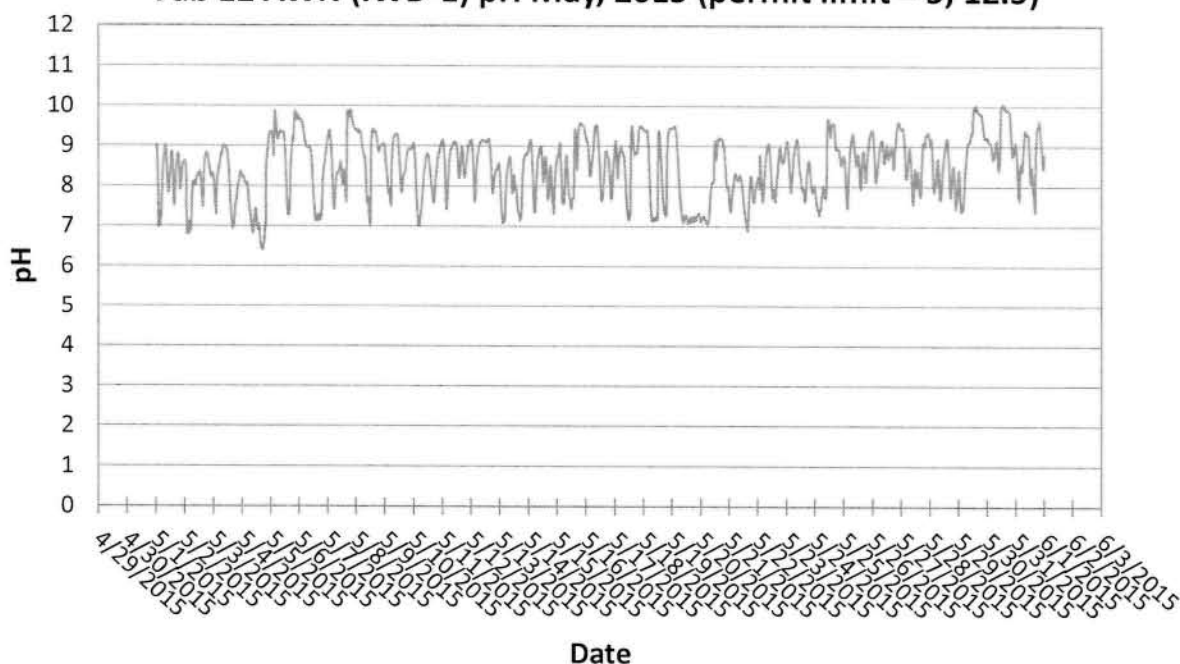
Fab 12 AWN (IWD-1) pH March, 2015 (permit limit = 5, 12.5)



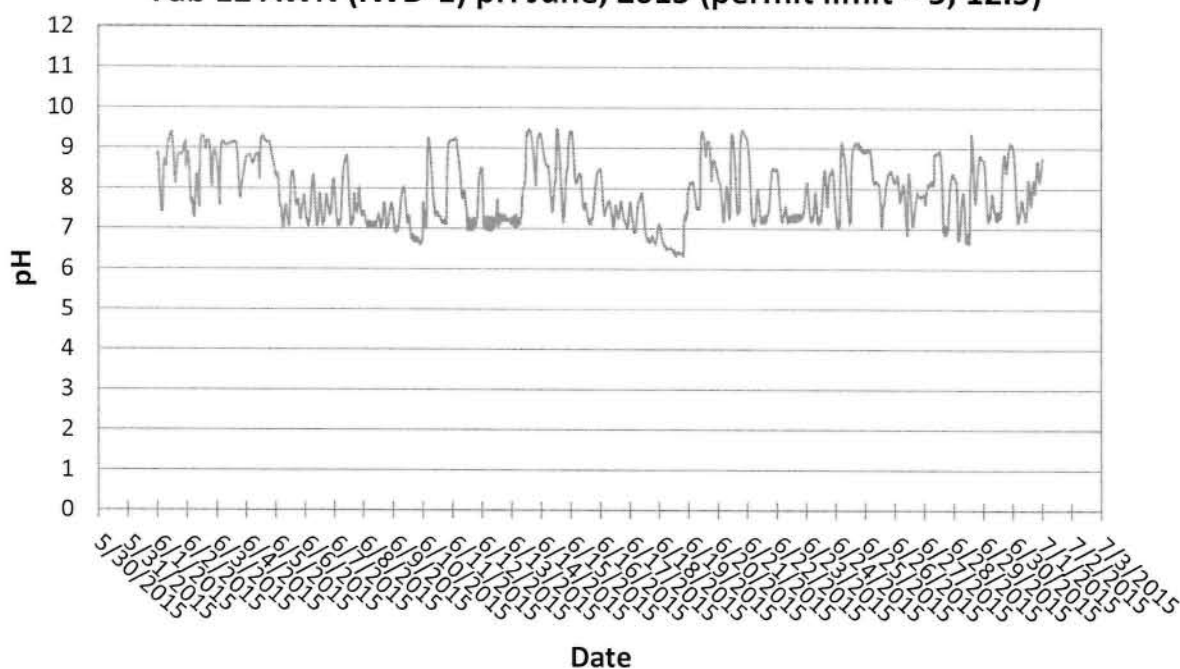
Fab 12 AWN (IWD-1) pH April, 2015 (permit limit = 5, 12.5)



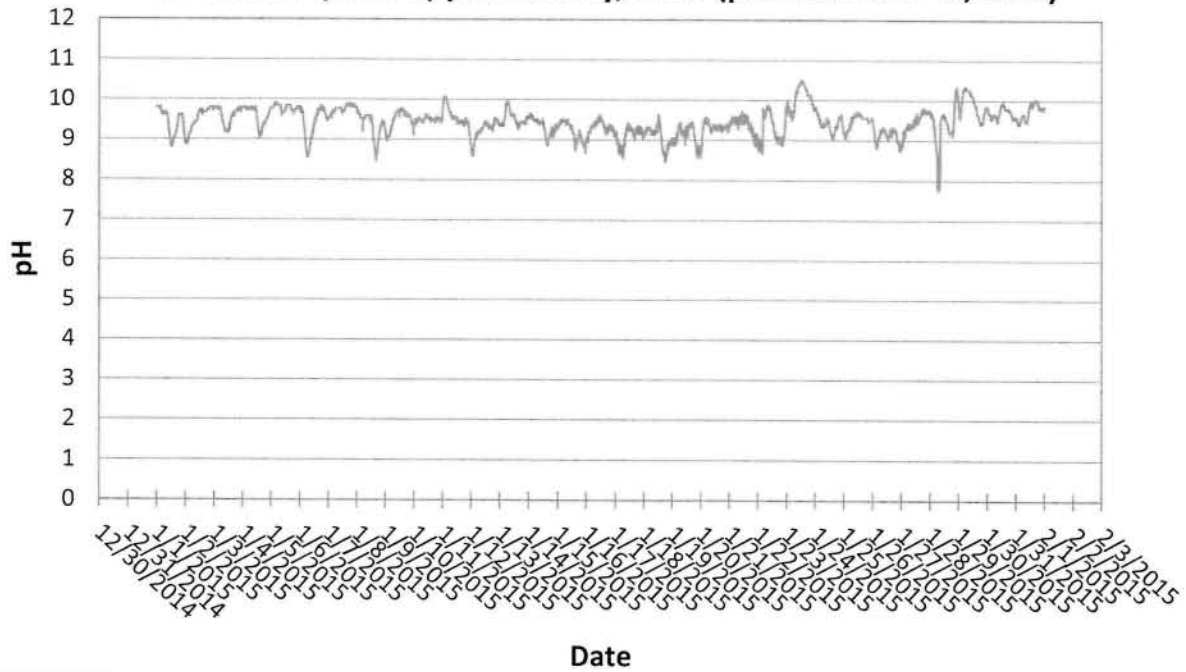
Fab 12 AWN (IWD-1) pH May, 2015 (permit limit = 5, 12.5)



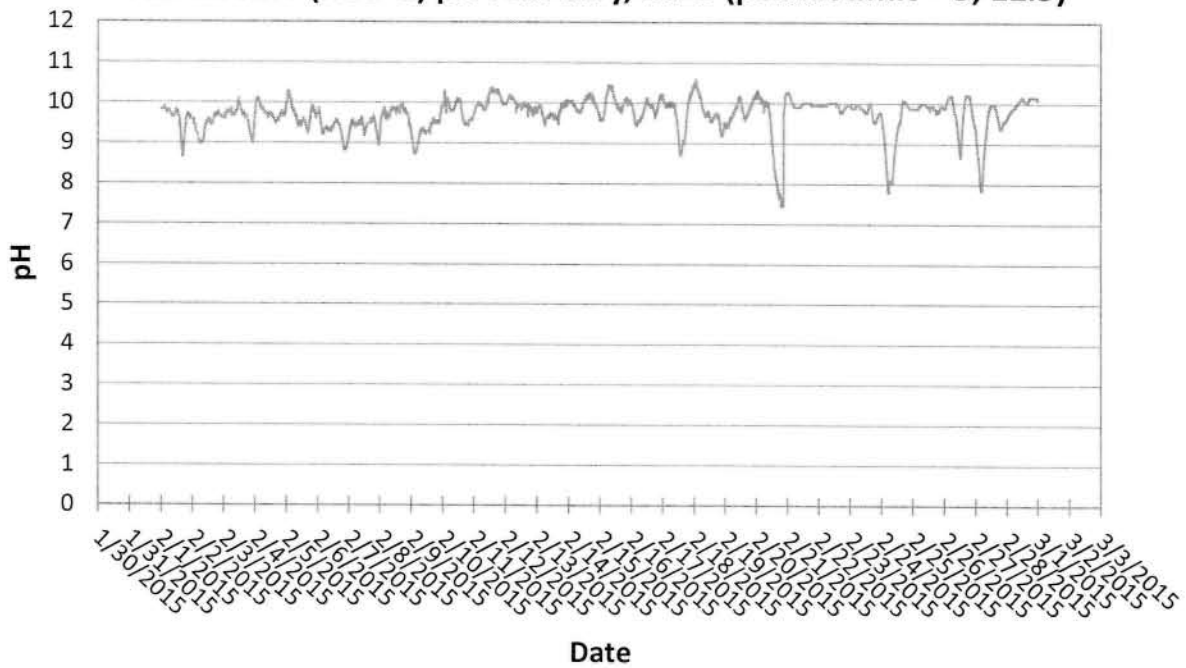
Fab 12 AWN (IWD-1) pH June, 2015 (permit limit = 5, 12.5)



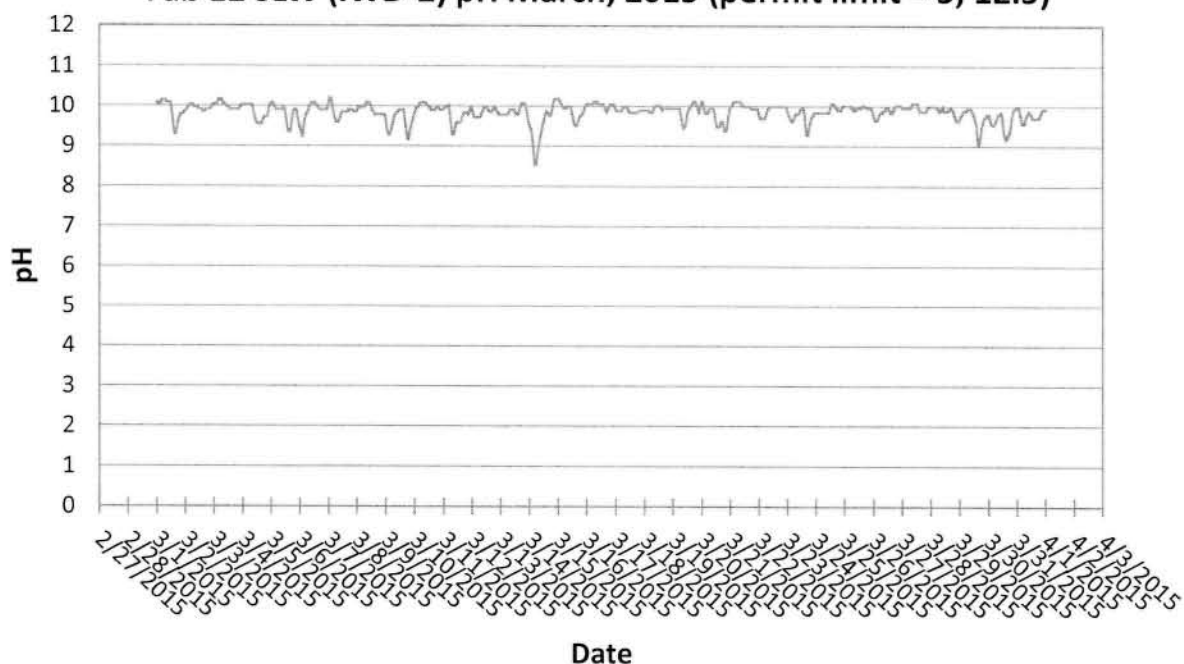
Fab 12 SLW (IWD-2) pH January, 2015 (permit limit = 5, 12.5)



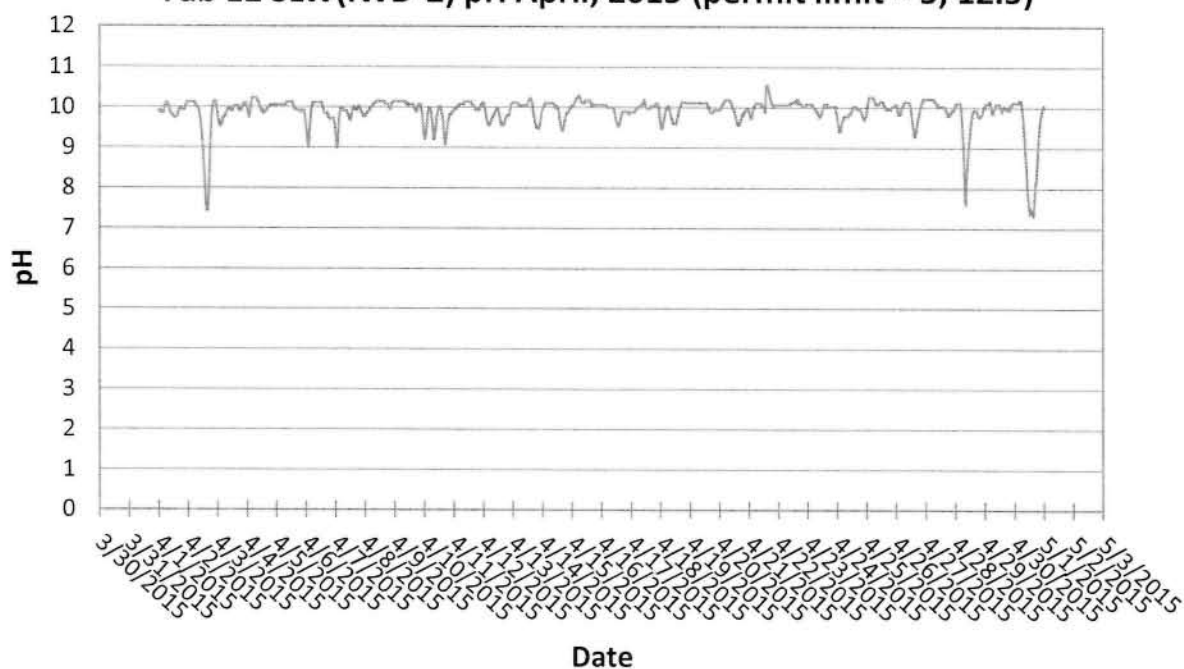
Fab 12 SLW (IWD-2) pH February, 2015 (permit limit = 5, 12.5)



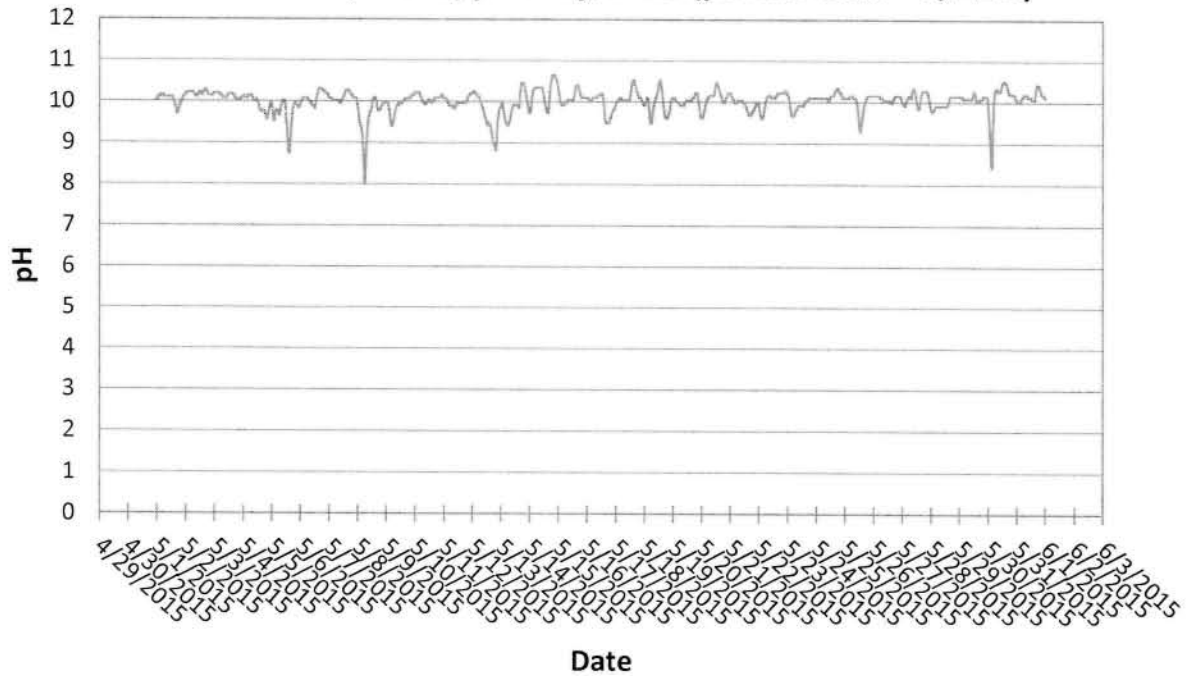
Fab 12 SLW (IWD-2) pH March, 2015 (permit limit = 5, 12.5)



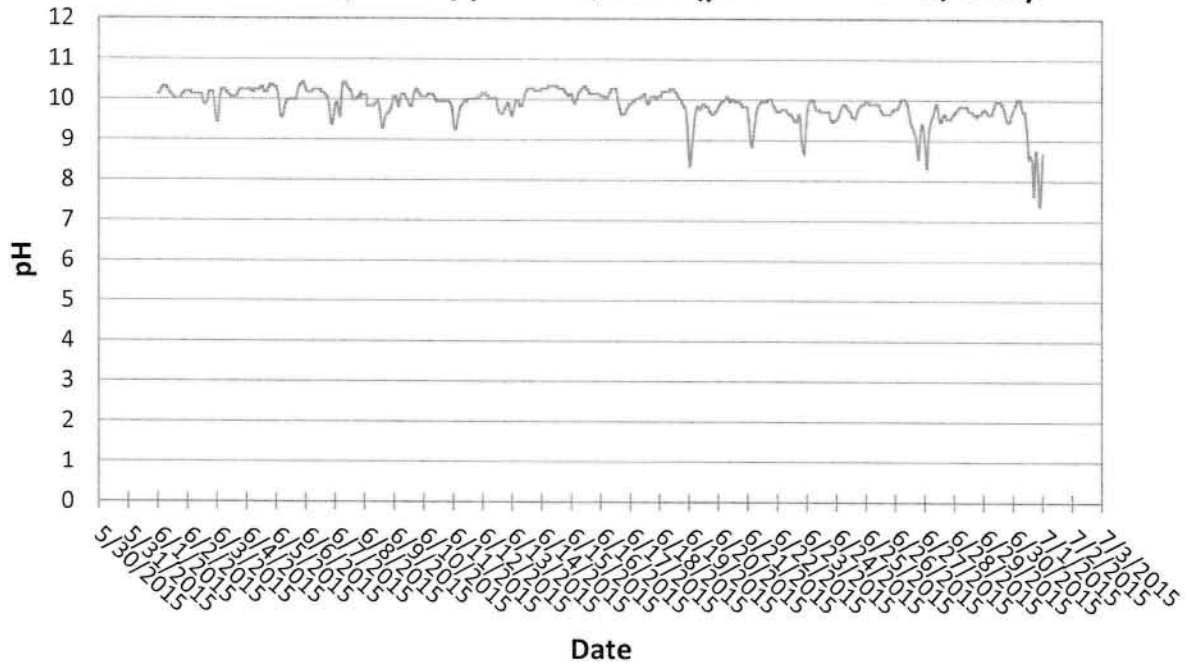
Fab 12 SLW(IWD-2) pH April, 2015 (permit limit = 5, 12.5)



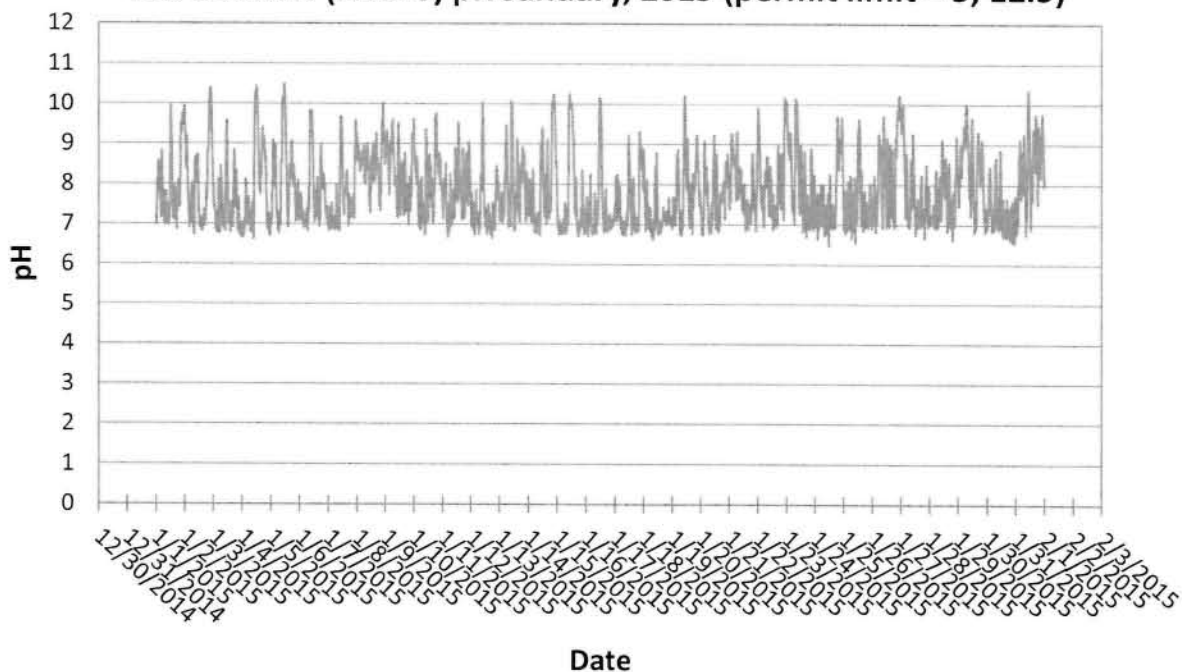
Fab 12 SLW (IWD-2) pH May, 2015 (permit limit = 5, 12.5)



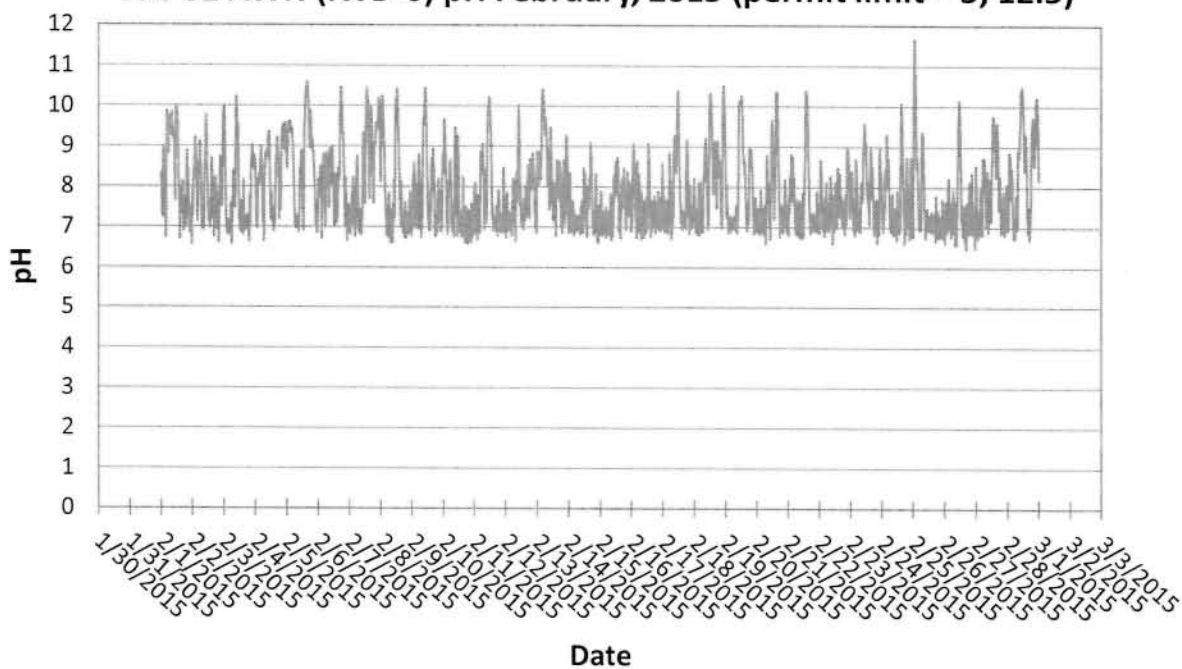
Fab 12 SLW (IWD-2) pH June, 2015 (permit limit = 5, 12.5)



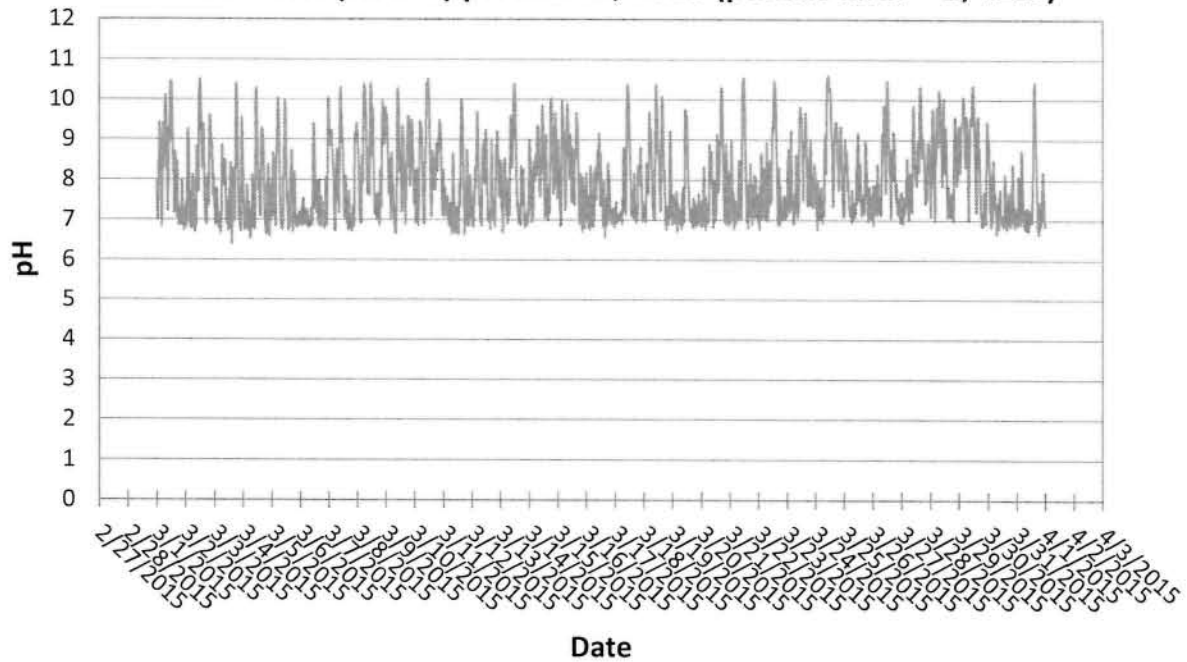
Fab 32 AWN (IWD-6) pH January, 2015 (permit limit = 5, 12.5)



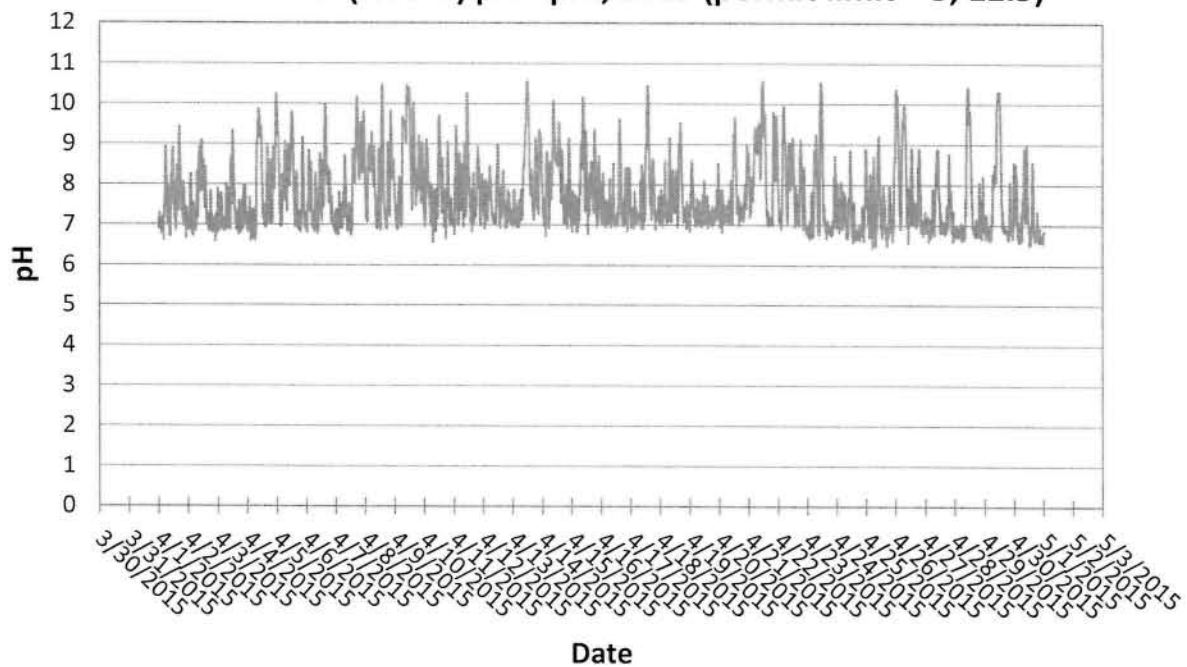
Fab 32 AWN (IWD-6) pH February, 2015 (permit limit = 5, 12.5)



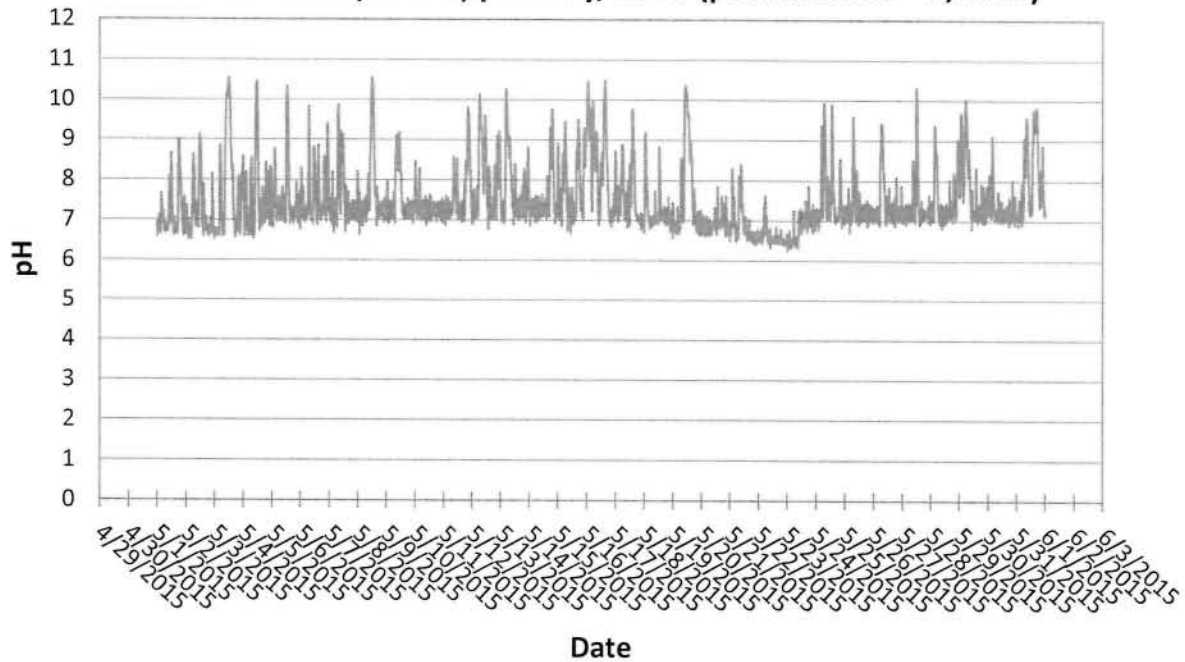
Fab 32 AWN (IWD-6) pH March, 2015 (permit limit = 5, 12.5)



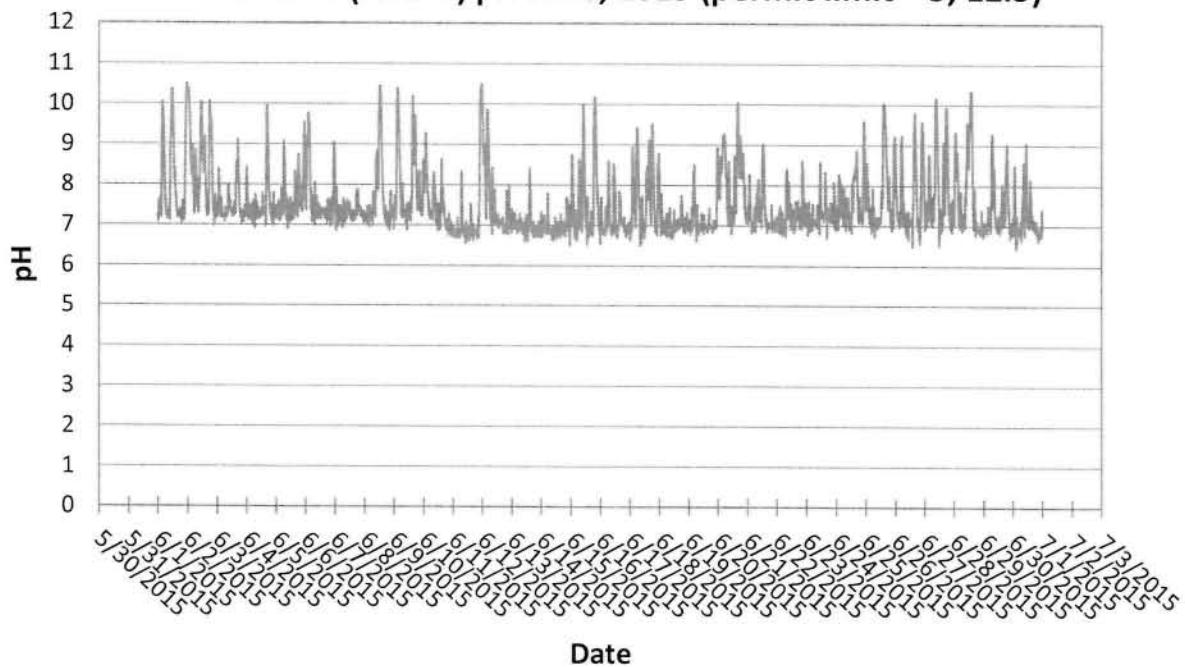
Fab 32 AWN (IWD-6) pH April, 2015 (permit limit = 5, 12.5)



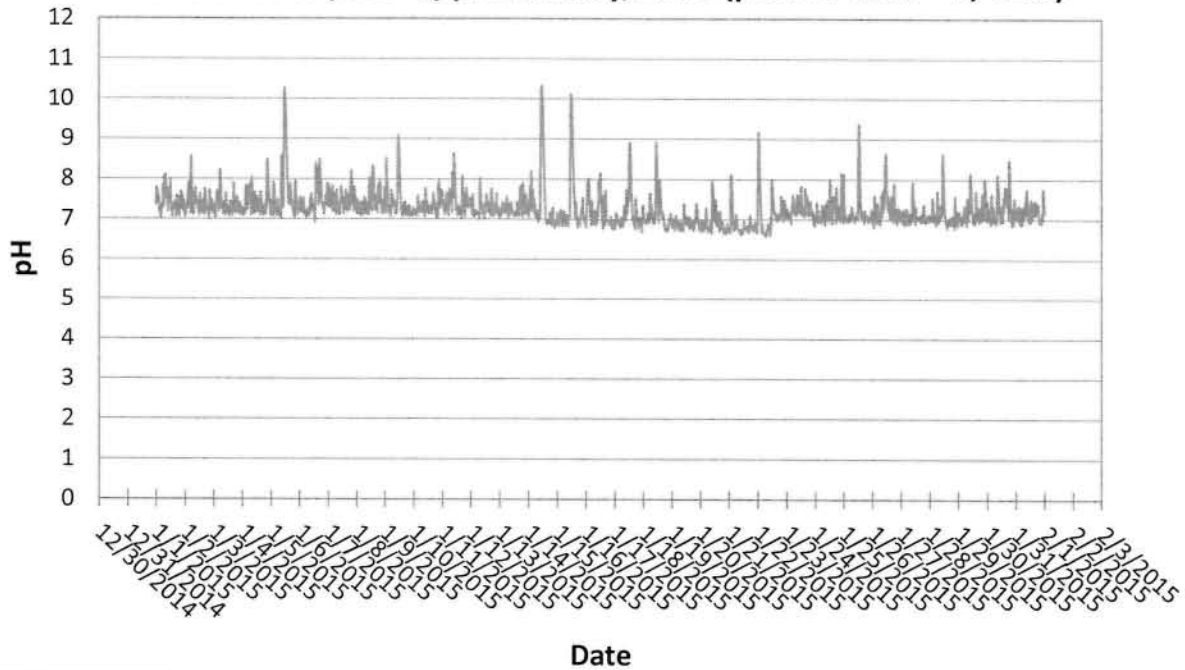
Fab 32 AWN (IWD-6) pH May, 2015 (permit limit = 5, 12.5)



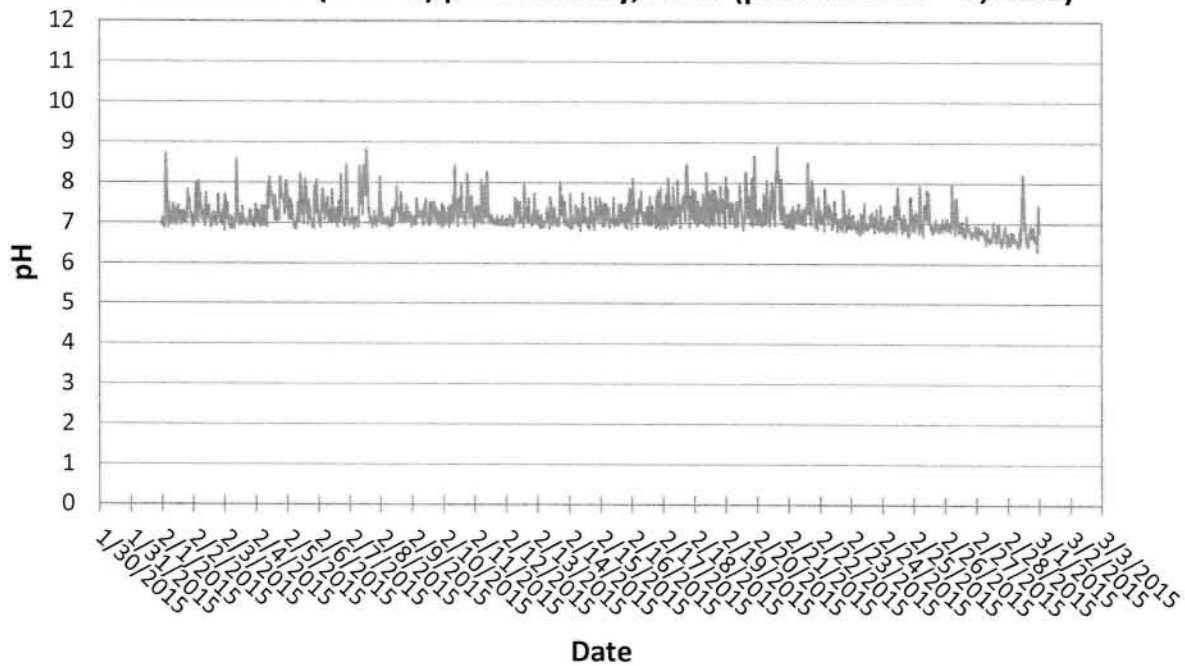
Fab 32 AWN (IWD-6) pH June, 2015 (permit limit = 5, 12.5)



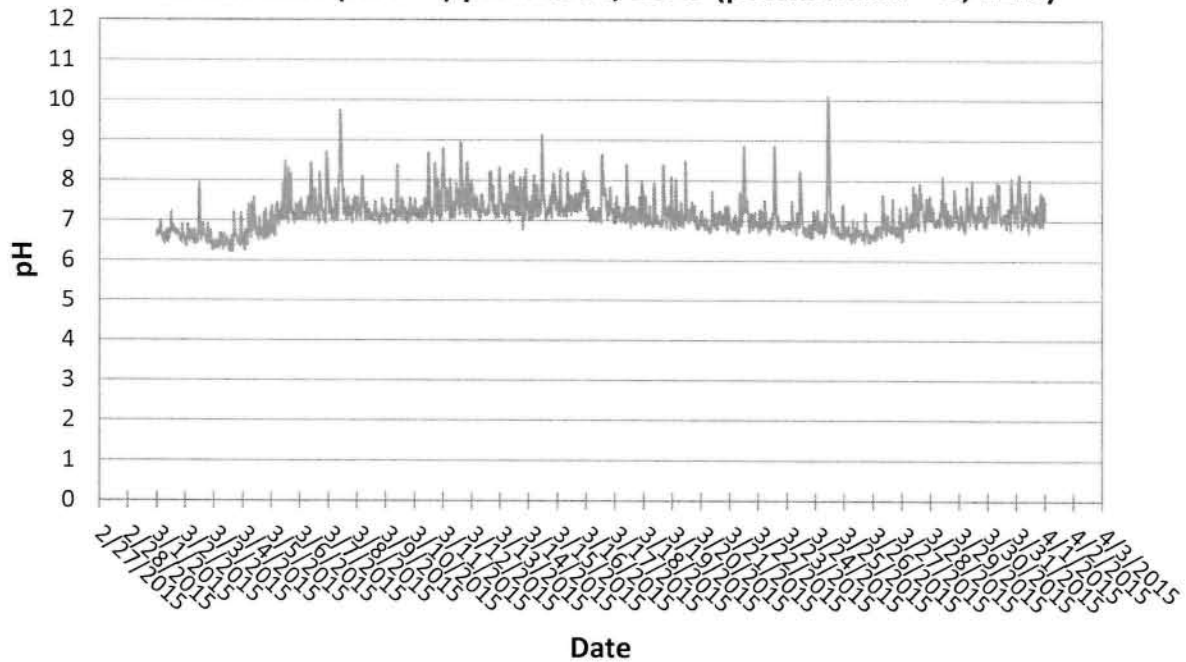
Fab 32 AWN (IWD-8) pH January, 2015 (permit limit = 5, 12.5)



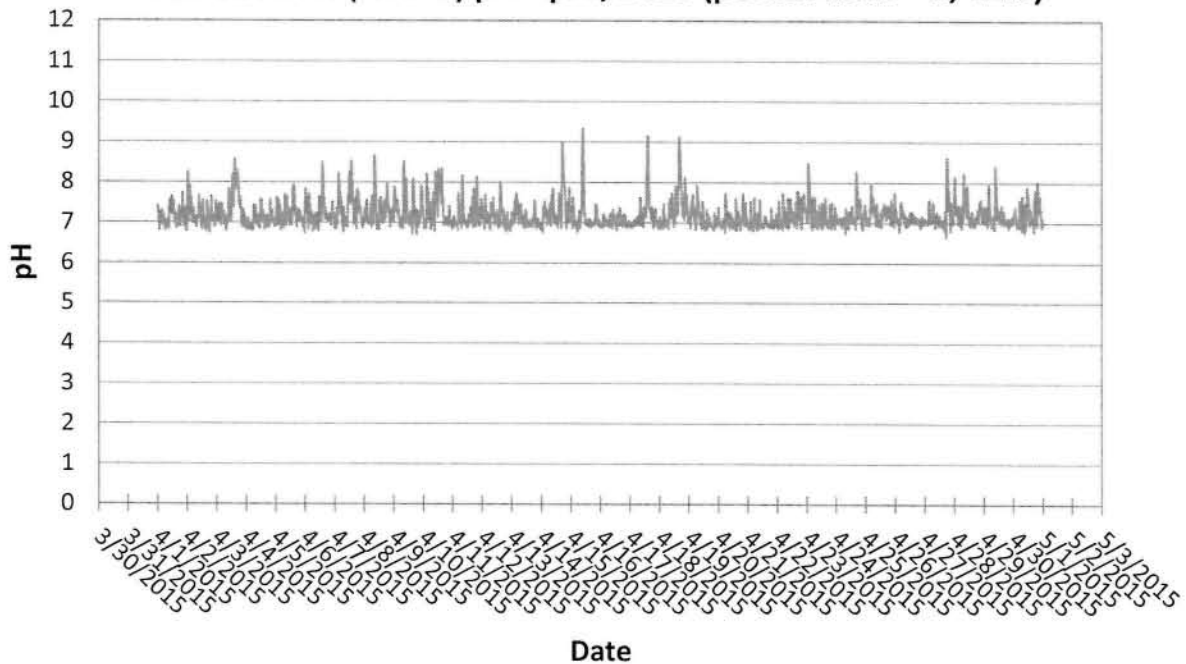
Fab 32 AWN (IWD-8) pH February, 2015 (permit limit = 5, 12.5)



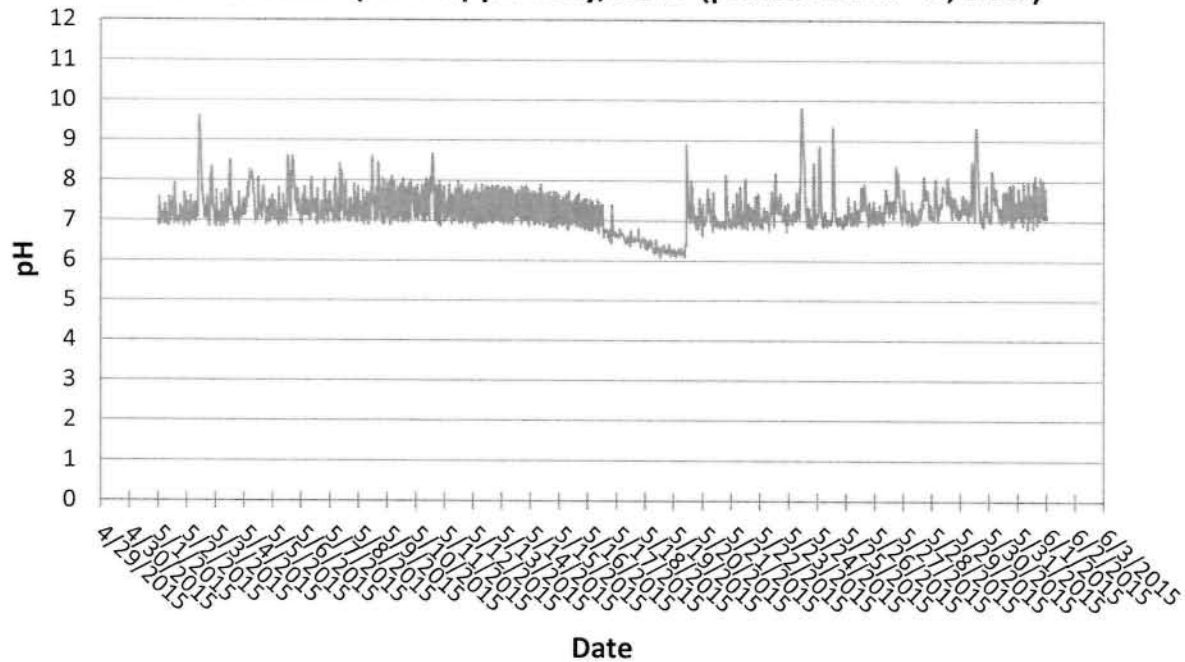
Fab 32 AWN (IWD-8) pH March, 2015 (permit limit = 5, 12.5)



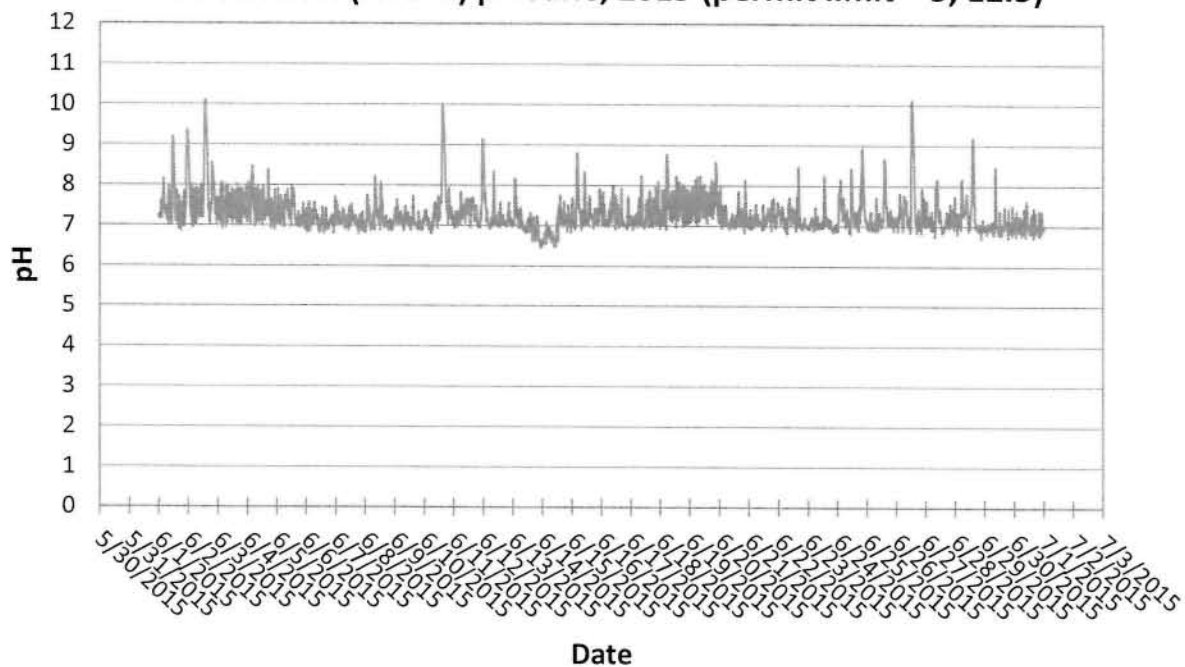
Fab 32 AWN (IWD-8) pH April, 2015 (permit limit = 5, 12.5)



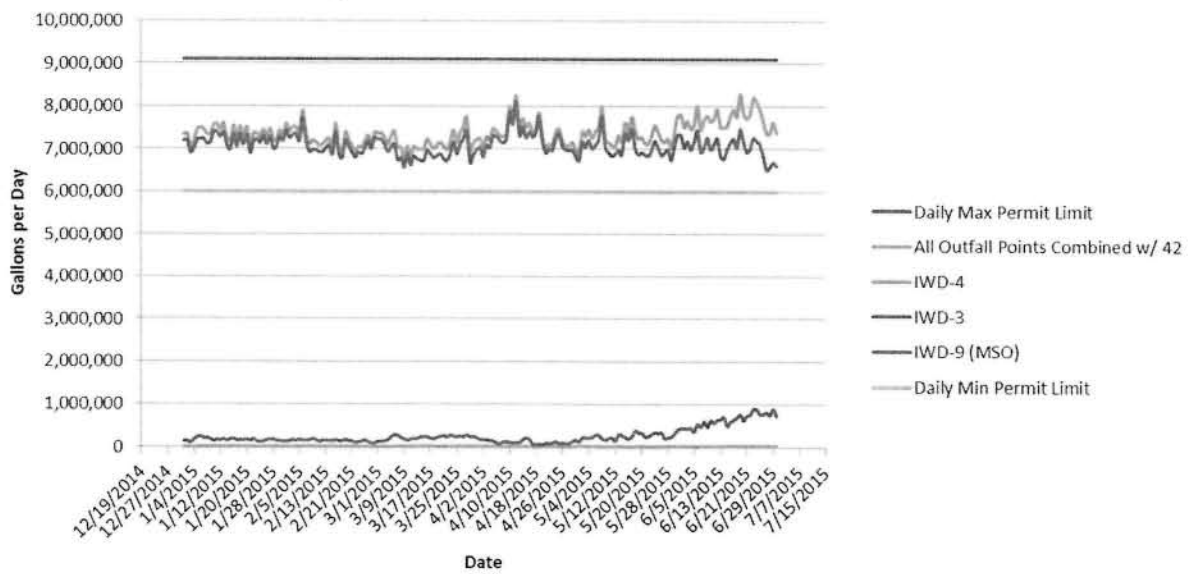
Fab 32 AWN (IWD-8) pH May, 2015 (permit limit = 5, 12.5)



Fab 32 AWN (IWD-8) pH June, 2015 (permit limit = 5, 12.5)



H1 2015 Flows: IWD-4 (NSO) + IWD-3 (ESO) + IWD-9 (MSO) vs. Daily Minimum and Maximum Permit Limit



Outfalls	Flow Data (gpd)				Site Outflow
	Day	NSO	ESO	MSO	
January	1/1/2015	998	147,341	7,241,944	7,390,283
	1/2/2015	1,337	129,768	7,205,243	7,336,349
	1/3/2015	2,254	140,537	6,945,272	7,088,063
	1/4/2015	2,561	215,149	7,105,692	7,323,402
	1/5/2015	7,823	274,798	7,294,945	7,577,566
	1/6/2015	9,071	239,733	7,279,345	7,528,149
	1/7/2015	10,082	196,650	7,223,943	7,430,675
	1/8/2015	12,360	179,570	7,178,241	7,370,171
	1/9/2015	10,827	184,921	7,254,643	7,450,392
	1/10/2015	12,083	149,348	7,473,064	7,634,495
	1/11/2015	12,647	178,967	7,418,766	7,610,380
	1/12/2015	13,965	199,909	7,327,399	7,541,274
	1/13/2015	11,469	150,546	7,408,479	7,570,494
	1/14/2015	8,500	192,984	7,088,270	7,289,754
	1/15/2015	9,545	192,857	7,134,339	7,336,741
	1/16/2015	10,964	154,565	7,320,261	7,485,790
	1/17/2015	10,334	161,925	7,147,657	7,319,916
	1/18/2015	10,807	166,895	7,351,701	7,529,403
	1/19/2015	11,391	204,557	7,195,052	7,411,000
	1/20/2015	10,970	140,023	7,255,079	7,406,073
	1/21/2015	13,312	203,293	6,995,911	7,212,516
	1/22/2015	10,640	145,363	7,355,433	7,511,436
	1/23/2015	8,299	138,606	7,111,357	7,258,262
	1/24/2015	10,072	131,927	7,275,966	7,417,965
	1/25/2015	10,416	136,790	7,254,137	7,401,343
	1/26/2015	9,890	176,991	7,165,340	7,352,222
	1/27/2015	13,673	206,423	7,382,393	7,602,489
	1/28/2015	13,525	154,490	6,949,076	7,117,090
	1/29/2015	12,449	154,378	7,117,412	7,284,240
	1/30/2015	11,061	148,755	7,264,635	7,424,451
	1/31/2015	7,952	130,409	7,273,113	7,411,474
Maximum (MGD):		0.01	0.27	7.47	7.63
Average (MGD):		0.01	0.17	7.23	7.41

Low flow through the NSO resulted in false negative flow readings on the flow meter therefore the NSO Flow data for Jan 1-4, 2015 is estimated using the positive flow readings.

Outfalls	Flow Data (gpd)				Site Outflow
	Day	NSO	ESO	MSO	
February	2/1/2015	8,390	134,304	7,540,049	7,682,742
	2/2/2015	9,718	150,802	7,277,103	7,437,622
	2/3/2015	11,482	171,211	7,418,649	7,601,342
	2/4/2015	12,705	154,760	7,417,292	7,584,757
	2/5/2015	14,712	176,019	7,373,606	7,564,336
	2/6/2015	16,150	162,097	7,882,779	8,061,026
	2/7/2015	16,118	157,240	6,962,419	7,135,777
	2/8/2015	16,215	169,873	7,043,184	7,229,272
	2/9/2015	16,725	222,448	7,141,323	7,380,496
	2/10/2015	16,810	150,211	6,998,899	7,165,921
	2/11/2015	16,856	153,018	6,924,951	7,094,825
	2/12/2015	16,903	147,285	7,013,601	7,177,789
	2/13/2015	16,998	176,262	7,163,998	7,357,258
	2/14/2015	17,229	148,203	6,898,048	7,063,480
	2/15/2015	16,736	146,845	7,120,598	7,284,179
	2/16/2015	15,951	158,871	7,312,091	7,486,913
	2/17/2015	16,533	146,983	6,847,931	7,011,448
	2/18/2015	14,312	154,395	6,881,391	7,050,098
	2/19/2015	14,904	177,488	7,295,921	7,488,313
	2/20/2015	14,784	155,208	6,966,000	7,135,993
	2/21/2015	16,224	127,400	6,964,716	7,108,340
	2/22/2015	15,014	110,647	6,868,651	6,994,312
	2/23/2015	13,396	127,879	6,978,792	7,120,067
	2/24/2015	12,819	144,629	6,962,994	7,120,442
	2/25/2015	10,789	164,714	7,098,680	7,274,184
	2/26/2015	13,227	119,375	7,150,532	7,283,134
	2/27/2015	13,764	95,904	7,048,158	7,157,826
	2/28/2015	12,656	108,654	7,365,530	7,486,840
Maximum (MGD):		0.02	0.22	7.88	8.06
Average (MGD):		0.01	0.15	7.14	7.30

Outfalls	Flow Data (gpd)				Site Outflow
	Day	NSO	ESO	MSO	
March	3/1/2015	14,745	146,080	7,170,292	7,331,116
	3/2/2015	10,852	141,029	7,190,464	7,342,345
	3/3/2015	6,197	172,590	6,410,392	6,589,180
	3/4/2015	9,280	160,625	6,886,072	7,055,976
	3/5/2015	11,922	269,505	7,103,217	7,384,644
	3/6/2015	15,224	280,008	7,117,109	7,412,341
	3/7/2015	18,043	266,110	6,761,287	7,045,440
	3/8/2015	18,022	231,460	6,812,343	7,061,825
	3/9/2015	17,717	170,834	6,671,722	6,860,273
	3/10/2015	18,413	172,926	6,866,000	7,057,339
	3/11/2015	18,645	191,260	6,672,069	6,881,973
	3/12/2015	21,251	192,979	6,858,111	7,072,341
	3/13/2015	20,426	215,548	6,882,511	7,118,485
	3/14/2015	21,330	222,103	6,698,536	6,941,969
	3/15/2015	20,934	295,981	6,806,963	7,123,878
	3/16/2015	21,431	235,787	7,027,998	7,285,216
	3/17/2015	22,070	200,765	6,906,495	7,129,330
	3/18/2015	19,578	208,041	6,775,261	7,002,880
	3/19/2015	15,712	232,922	6,885,195	7,133,828
	3/20/2015	18,199	253,316	6,874,754	7,146,268
	3/21/2015	19,365	250,416	6,785,927	7,055,709
	3/22/2015	20,194	291,404	6,886,470	7,198,069
	3/23/2015	20,752	262,181	6,916,602	7,199,534
	3/24/2015	19,475	281,148	7,167,002	7,467,625
	3/25/2015	20,560	226,466	6,934,767	7,181,793
	3/26/2015	21,308	265,174	7,196,428	7,482,910
	3/27/2015	22,053	274,489	7,419,141	7,715,683
	3/28/2015	22,884	237,060	7,209,854	7,469,799
	3/29/2015	23,520	279,673	6,782,693	7,085,886
	3/30/2015	24,383	238,026	6,988,466	7,250,874
	3/31/2015	24,439	186,674	6,969,483	7,180,596
Maximum (MGD):		0.02	0.30	7.42	7.72
Average (MGD):		0.02	0.23	6.92	7.17

Outfalls	Flow Data (gpd)				Site Outflow
	Day	NSO	ESO	MSO	
April	4/1/2015	24,185	179,283	6,928,311	7,131,779
	4/2/2015	21,471	168,315	7,226,041	7,415,826
	4/3/2015	20,642	157,986	7,054,948	7,233,576
	4/4/2015	20,788	125,735	7,412,920	7,559,443
	4/5/2015	22,030	110,050	7,250,616	7,382,696
	4/6/2015	20,441	99,676	7,269,538	7,389,655
	4/7/2015	19,807	128,442	7,224,561	7,372,810
	4/8/2015	17,749	114,050	7,370,477	7,502,276
	4/9/2015	17,960	117,504	7,847,062	7,982,526
	4/10/2015	19,176	108,173	7,765,242	7,892,590
	4/11/2015	20,515	105,612	8,016,506	8,142,633
	4/12/2015	20,010	133,094	7,374,843	7,527,947
	4/13/2015	20,739	184,315	7,594,295	7,799,348
	4/14/2015	22,992	244,578	7,233,961	7,501,531
	4/15/2015	22,387	143,914	7,407,805	7,574,106
	4/16/2015	15,638	71,269	7,383,899	7,470,806
	4/17/2015	17,150	79,058	7,528,810	7,625,017
	4/18/2015	19,468	67,100	7,739,702	7,826,269
	4/19/2015	21,926	61,313	7,146,542	7,229,781
	4/20/2015	23,334	100,518	6,872,959	6,996,811
	4/21/2015	22,645	94,182	7,127,489	7,244,315
	4/22/2015	21,600	120,098	6,997,179	7,138,877
	4/23/2015	20,811	115,195	7,421,973	7,557,979
	4/24/2015	18,607	97,739	7,242,519	7,358,865
	4/25/2015	17,700	98,558	7,104,778	7,221,036
	4/26/2015	14,974	84,876	7,085,772	7,185,622
	4/27/2015	18,491	101,824	6,942,289	7,062,605
	4/28/2015	22,931	142,301	6,992,367	7,157,600
	4/29/2015	25,623	165,350	7,035,824	7,226,797
	4/30/2015	25,748	106,067	6,691,321	6,823,137
Maximum (MGD):		0.03	0.24	8.02	8.14
Average (MGD):		0.02	0.12	7.28	7.42

Outfalls	Flow Data (gpd)				Site Outflow
	Day	NSO	ESO	MSO	
May	5/1/2015	26,644	168,559	6,919,476	7,114,679
	5/2/2015	27,476	225,046	7,233,949	7,486,472
	5/3/2015	26,839	226,640	6,905,979	7,159,458
	5/4/2015	20,189	211,566	6,982,665	7,214,420
	5/5/2015	20,733	259,205	7,011,691	7,291,629
	5/6/2015	22,884	291,500	7,074,141	7,388,524
	5/7/2015	20,822	292,352	7,433,876	7,747,051
	5/8/2015	16,880	182,270	7,671,242	7,870,393
	5/9/2015	16,897	152,467	7,132,349	7,301,714
	5/10/2015	19,659	238,640	6,957,789	7,216,088
	5/11/2015	22,782	228,045	6,903,121	7,153,947
	5/12/2015	24,009	163,638	6,929,376	7,117,023
	5/13/2015	23,639	347,792	7,044,157	7,415,588
	5/14/2015	23,074	247,967	7,012,811	7,283,852
	5/15/2015	17,021	214,258	7,361,991	7,593,270
	5/16/2015	15,027	186,711	7,312,200	7,513,938
	5/17/2015	19,335	323,007	7,393,564	7,735,906
	5/18/2015	21,488	387,208	7,038,985	7,447,681
	5/19/2015	21,626	355,235	6,904,827	7,281,688
	5/20/2015	22,721	326,822	7,032,909	7,382,452
	5/21/2015	23,299	218,525	6,601,394	6,843,219
	5/22/2015	20,852	263,390	6,903,546	7,187,788
	5/23/2015	19,644	279,748	6,980,989	7,280,381
	5/24/2015	21,285	391,729	7,265,540	7,678,554
	5/25/2015	22,875	423,322	6,966,866	7,413,063
	5/26/2015	25,120	290,684	6,983,142	7,298,946
	5/27/2015	25,606	174,594	7,069,227	7,269,426
	5/28/2015	27,063	262,412	6,758,666	7,048,141
	5/29/2015	28,311	241,456	6,885,233	7,155,000
	5/30/2015	29,297	372,862	7,148,515	7,550,674
	5/31/2015	30,458	418,558	7,493,192	7,942,209
Maximum (MGD):		0.03	0.42	7.67	7.94
Average (MGD):		0.02	0.27	7.07	7.37

Outfalls	Flow Data (gpd)				Site Outflow
	Day	NSO	ESO	MSO	
June	6/1/2015	30,671	455,628	7,264,055	7,750,354
	6/2/2015	29,844	452,569	7,241,920	7,724,332
	6/3/2015	28,389	404,187	7,053,734	7,486,310
	6/4/2015	25,686	521,332	7,113,705	7,660,722
	6/5/2015	23,402	316,290	7,244,212	7,583,904
	6/6/2015	25,067	585,984	7,272,388	7,883,439
	6/7/2015	27,402	497,561	7,217,575	7,742,538
	6/8/2015	28,897	636,237	7,003,701	7,668,836
	6/9/2015	27,232	482,986	7,308,017	7,818,235
	6/10/2015	26,295	636,123	6,813,646	7,476,064
	6/11/2015	29,212	585,492	7,206,102	7,820,806
	6/12/2015	29,973	646,880	7,238,851	7,915,703
	6/13/2015	30,616	645,890	6,809,977	7,486,483
	6/14/2015	31,949	715,730	6,855,389	7,603,068
	6/15/2015	33,245	507,730	7,082,873	7,623,848
	6/16/2015	33,482	634,595	7,257,349	7,925,427
	6/17/2015	34,438	636,426	7,204,734	7,875,598
	6/18/2015	34,267	725,061	7,145,400	7,904,729
	6/19/2015	34,358	784,556	7,341,871	8,160,785
	6/20/2015	32,678	623,236	7,196,328	7,852,242
	6/21/2015	33,529	748,791	6,875,243	7,657,564
	6/22/2015	33,605	822,975	7,162,377	8,018,957
	6/23/2015	34,229	875,568	7,278,359	8,188,157
	6/24/2015	34,683	862,210	7,250,274	8,147,167
	6/25/2015	35,316	796,622	7,109,050	7,940,988
	6/26/2015	35,311	833,542	7,330,895	8,199,747
	6/27/2015	34,988	798,387	6,975,374	7,808,749
	6/28/2015	34,779	771,312	7,171,683	7,977,774
	6/29/2015	34,599	933,715	7,194,275	8,162,589
	6/30/2015	34,588	643,698	7,318,252	7,996,538
Maximum (MGD):		0.04	0.93	7.34	8.20
Average (MGD):		0.03	0.65	7.15	7.84

On June 26, 2015 the primary flow meter in the MSO shifted down coinciding with maintenance activity being conducted at MSO vault. MSO flows for June 26-June 30, 2015 were calculated using the secondary meter and the historical offset of the secondary meter 350gpm, as communicated by Intel on July 6, 2015.