Platform A	background=0?	Oct 12	Apr 13	Jul 13	Oct 13	Jan 14	Apr 14	Apr 15	Apr 16	Apr 17	Apr 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
copper	no, parameter 2	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<200	<20.	1849	403.0816327	no	2.49	0	200	aquatic life	0	1	1		
benzo(a) pyrene	yes	<6.6	<6.6	<7.0	<1.0	<2.0	<2.0	<1.0	<5.0	<10.	<2.0	1849	76922.07692	yes	0.00013	0	10	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<3.3	<1.0	<2.0	<2.0	<1.0	<5.0	<10.	<2.0	1849	7691.307692	yes	0.0013	0	10	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.6	<3.3	<1.0	<2.0	<2.0	<1.0	<5.0	<10.	<2.0	1849	768.2307692	no	0.013	0	10	human health	0	1	1		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform B	background=0?	Oct 12	Apr 13	Jul 13	Oct 13	Jan 14	Apr 14	Apr 15	Apr 16	Apr 17	Apr 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
benzo(a) pyrene	yes	<6.6	<6.6	<7.0	<1.0	<2.0	<2.0	<1.0	<1.0	<10.	<2.0	1516	76922.07692	yes	0.00013	0	10	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<3.3	<1.0	<2.0	<2.0	<1.0	<1.0	<10.	<2.0	1516	7691.307692	yes	0.0013	0	10	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<3.3	<1.0	<2.0	<2.0	<1.0	<1.0	<10.	<2.0	1516	768.2307692	no	0.013	0	10	human health	0	1	1		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Edith	background=0?	Sep 12	Dec 12	Mar 13	Jun 13	Sep 13	Dec 13	Mar 15	Mar 16	Mar 17	Mar 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
zinc	no, parameter 5	114	62.3	32	34	50	50	<20.	<20.	94	21.7	3483	32.24930415	no	19.65840592	114	20	aquatic life	0.690993905	1.039027797	3.470472669		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Elly	background=0?	Nov 05	Dec 05	Oct 06	Nov 07	Apr 08	Apr 09	Jul 09	Jan 11	Oct 14	Oct 16	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
zinc	no, parameter 5	<5.0	88.6	49.7	85	14.4	<10.	<10.	<5.0	443	61	1218	340.1777734	no	24.61451804	443	10	aquatic life	2.038449	1.300978755	12.8137794		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Gilda	background=0?	Dec 12	Mar 13	Jun 13	Sep 13	Dec 13	Mar 14	Mar 15	Mar 16	Mar 17	Mar 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
copper	no, parameter 2	<20.	<20.	<20.	<20	<20.	<20.	<20.	<20	<20.	14	1551	35.73469388	no	2.49	14	20	aquatic life	0	1	1		
benzo(a) anthracene	yes	<6.7	<6.7	<6.7	<3.2	<1.0	<2.0	<1.0	<10.	<10.	<40.	1551	30768.23077	yes	0.0013	0	40	human health	0	1	1	0.0000026	0.0000013
benzo(a) pyrene	yes	<6.6	<6.6	<6.6	<7.0	<1.0	<2.0	<1.0	<10.	<10.	<40.	1551	307691.3077	yes	0.00013	0	40	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<7.5	<3.3	<1.0	<2.0	<1.0	<10.	<10.	<40.	1551	30768.23077	yes	0.0013	0	40	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<6.7	<3.3	<1.0	<2.0	<1.0	<10.	<10.	<40.	1551	3075.923077	yes	0.013	0	40	human health	0	1	1	0.000026	0.000013
chrysene	yes	<7.5	<7.5	<7.5	<4.3	<1.0	<2.0	<1.0	<10.	<10.	<40.	1551	306.6923077	no	0.13	0	40	human health	0	1	1		
dibenzo(a,h) anthracene	yes	<10.	<10.	<15.	<5.0	<1.0	<3.0	<2.0	<20.	<15.	<60.	1551	461537.4615	yes	0.00013	0	60	human health	0	1	1	0.00000026	0.00000013
undissociated sulfide	yes	4.4	<1.1	1767	1904	5.3	6.1	1450	2266	1831	<1.1	1551	177482.3095	yes	5.79	2266	1.1	aquatic life	111.7930972	45.65029497	453.4988358	0.004948607	0.001659996

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l
monthly samples 2011-12 for undissociated sulfide

Platform Gina	background=0?	Dec 12	Mar 13	Jun 13	Sep 13	Dec 13	Mar 14	Mar 15	Mar 16	Mar 17	Mar 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
ammonia	yes	28000	28000	33000	32000	35000	44400	42000	45000	50000	66000	2569	187.9107105	no	603.9091453	66000	0	aquatic life	0.280067127	1.006515242	1.728559178		
copper	no, parameter 2	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	22	2569	39.81632653	no	2.49	22	20	aquatic life	0	1	1		
benzo(a) pyrene	yes	<6.6	<6.6	<6.6	<7.0	<1.0	<2.0	<1.0	<5.0	<10.	<20.	2569	153845.1538	yes	0.00013	0	20	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<7.5	<3.3	<1.0	<2.0	<1.0	<5.0	<10.	<20.	2569	15383.61538	yes	0.0013	0	20	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<6.7	<3.3	<1.0	<2.0	<1.0	<5.0	<10.	<20.	2569	1537.461538	no	0.013	0	20	human health	0	1	1		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Habitat	background=0?	Aug 10	Nov 10	Feb 11	Aug 11	Nov 11	Feb 12	May 12	Aug 12	Feb 13	May 13	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
copper	no, parameter 2	92	43	51	<20.	<20.	<20.	<20.	<20.	<20.	<20.	3024	569.1320966	no	2.60265035	92	20	aquatic life	0.745099858	1.045241104	3.756416386		
benzene	yes	1500	280	170	28	340	19	13	38	47	418	3024	5827.385346	yes	5.9	1500	0	human health	3.29589927	1	22.92498236	0.025067827	0.0059
benzo(a) pyrene	yes	<5.0	<5.0	<5.0	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	<6.6	3024	50768.23077	yes	0.00013	0	6.6	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<5.0	<5.0	<5.0	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	3024	5768.230769	yes	0.0013	0	7.5	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<5.0	<5.0	<5.0	<6.6	<6.6	<6.6	<6.7	<6.7	<6.7	<6.7	3024	514.3846154	no	0.013	0	6.7	human health	0	1	1		
dibenzo(a,h) anthracene	yes	<5.0	<5.0	<5.0	<15.	<15.	<10.	<10.	<10.	<10.	<15.	3024	115383.6154	yes	0.00013	0	15	human health	0	1	1	0.00000026	0.00000013
undissociated sulfide	yes	<1.1	<1.1	<1.1	<107	<54.	2.15	<1.1	<1.1	4.8	<1.1	3024	44.63427095	no	5.79	4.8	107	aquatic life	0.478296711	1.018885645	2.469368494		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Harvest	background=0?	Oct 12	Jan 13	Apr 13	Jul 13	Oct 13	Jan 14	Apr 14	Jul 14	Oct 14	Jul 15	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
ammonia	yes	150000	150000	170000	160000	150000	180000	170000	165000	140000	220000	3712	471.3370492	no	600.8233251	220000	0	aquatic life	0.12836588	1.001372208	1.28995962		
copper	no, parameter 2	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	3712	35.73469388	no	2.49	0	20	aquatic life	0	1	1		
benzene	yes	1400	2700	3500	3700	3900	4300	4000	4600	3600	830	3712	2367.153414	no	5.9	4600	0	human health	0.604191668	1	3.037414162		
benzo(a) anthracene	yes	<6.7	<6.7	<34.	<6.7	<3.2	<1.0	<2.0	<5.0	<20.	<1.0	3712	26152.84615	yes	0.0013	0	34	human health	0	1	1	0.0000026	0.0000013
benzo(a) pyrene	yes	<6.6	<6.6	<33.	<6.6	<7.0	<1.0	<2.0	<5.0	<20.	<1.0	3712	253845.1538	yes	0.00013	0	33	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<38.	<7.5	<3.3	<1.0	<2.0	<5.0	<20.	<1.0	3712	29229.76923	yes	0.0013	0	38	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<34.	<6.7	<3.3	<1.0	<2.0	<5.0	<20.	<1.0	3712	2614.384615	no	0.013	0	34	human health	0	1	1		
chrysene	yes	<7.5	<7.5	<33.	<6.6	<4.3	<1.0	<2.0	<5.0	<20.	<1.0	3712	252.8461538	no	0.13	0	33	human health	0	1	1		
dibenzo(a,h) anthracene	yes	<14.7	<15.	<75.	<15.	<5.0	<1.0	<3.0	<10.	<40.	<2.0	3712	576922.0769	yes	0.00013	0	75	human health	0	1	1	0.00000026	0.00000013
undissociated sulfide	yes	2194	2904	2581	2429	2743	2083	2564	2873	2134	1931	3712	666.1812416	no	5.79	2904	0	aquatic life	0.14401431	1.001726852	1.330227062		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Harvest	background=0?

Platform Hermosa	background=0?	Aug 12	Nov 12	Feb 13	May 13	Aug 13	Feb 14	May 14	Aug 14	Nov 14	Aug 15	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
copper	no, parameter 2	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	<20.	2094	35.73469388	no	2.49	0	20	aquatic life	0	1	1		
benzene	yes	2300	1200	1255	1170	1200	1500	1300	720	900	1100	2094	713.4260964	no	5.9	2300	0	human health	0.311331873	1	1.832658247		
benzo(a) anthracene	yes	<6.7	<6.7	<6.7	<6.7	<3.2	<2.0	<2.0	<5.0	<20.	<5.0	2094	15383.61538	yes	0.0013	0	20	human health	0	1	1	0.0000026	0.0000013
benzo(a) pyrene	yes	<6.6	<6.6	<6.6	<6.6	<7.0	<2.0	<2.0	<5.0	<20.	<5.0	2094	153845.1538	yes	0.00013	0	20	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<7.5	<7.5	<3.3	<2.0	<2.0	<5.0	<20.	<5.0	2094	15383.61538	yes	0.0013	0	20	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<6.7	<6.6	<3.3	<2.0	<2.0	<5.0	<20.	<5.0	2094	1537.461538	no	0.013	0	20	human health	0	1	1		
chrysene	yes	<7.5	<7.5	<7.5	<7.5	<4.3	<2.0	<2.0	<5.0	<20.	<5.0	2094	152.8461538	no	0.13	0	20	human health	0	1	1		
dibenzo(a,h) anthracene	yes	<15.	<15.	<15.	<15.	<5.0	<3.0	<3.0	<10.	<40.	<10.	2094	307691.3077	yes	0.00013	0	40	human health	0	1	1	0.00000026	0.00000013
undissociated sulfide	yes	8580	7150	9730	8007	8048	8623	7820	8620	9120	8620	2094	1992.097415	no	5.79	9730	0	aquatic life	0.085820909	1.000613581	1.186026108		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Hidalgo	background=0?	Mar 12	Jun 12	Sep 12	Dec 12	Mar 13	Jun 13	Sep 13	Mar 14	Jun 14	Jun 15	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
benzene	yes	220	350	170	160	110	114	240	405	47	460	4123	310.6197159	no	5.9	460	0	human health	0.788979326	1	3.996861574		
benzo(b) fluoranthene	yes	<7.5	<7.5	<7.5	<7.5	<7.5	<7.5	<3.3	<7.5	<7.5	<7.5	4123	5768.230769	yes	0.0013	0	7.5	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<3.3	<6.7	<6.7	<6.7	4123	514.3846154	no	0.013	0	6.7	human health	0	1	1		
chrysene	yes	<6.6	<6.6	<6.6	<7.5	<7.5	<7.5	<4.3	<6.6	<6.6	<6.6	4123	56.69230769	no	0.13	0	7.5	human health	0	1	1		
undissociated sulfide	yes	9720	9720	14300	8020	9730	9150	9150	9720	8010	11000	4123	3432.005088	no	5.79	14300	0	aquatic life	0.166484623	1.002307099	1.390006955		

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

?

Platform Hillhouse	background=0?	Nov 12	Feb 13	May 13	Aug 13	Nov 13	Feb 14	Feb 15	Feb 16	Feb 17	Feb 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
benzo(a) anthracene	yes	<6.7	<6.7	<6.7	<3.2	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0	1027	5152.846154	yes	0.0013	0	6.7	human health	0	1	1	0.0000026	0.0000013
benzo(a) pyrene	yes	<6.6	<6.6	<6.6	<7.0	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0	1027	53845.15385	yes	0.00013	0	7	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<7.5	<3.3	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0	1027	5768.230769	yes	0.0013	0	7.5	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.7	<6.7	<6.7	<3.3	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0	1027	514.3846154	no	0.013	0	6.7	human health	0	1	1		
chrysene	yes	<7.5	<7.5	<7.5	<4.3	<1.0	<2.0	<2.0	<1.0	<2.0	<2.0	1027	56.69230769	no	0.13	0	7.5	human health	0	1	1		
dibenzo(a,h) anthracene	yes	<10.	<10.	<15.	<5.0	<1.0	<3.0	<3.0	<2.0	<3.0	<3.0	1027	115383.6154	yes	0.00013	0	15	human health	0	1	1	0.00000026	0.00000013

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Hogan	background=0?	Mar 12	Jun 12	Mar 13	Jun 13	Sep 13	Dec 13	Mar 14	Mar 15	Jun 16	Jan 18	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
copper	no, parameter 2	20	27	<10.	<10.	<20.	<20.	<20.	<20.	<20.	<10.	1256	65.9781169	no	2.493598238	27	20	aquatic life	0.131732439	1.001445076	1.298528907		
hexavalent chromium	yes	<5.0	<5.0	<.02	<.02	<.02	<.02	<.02	<.02	<.03	<5.0	1256	1.517623364	no	1.986	0	5	aquatic life	0	1	1		
benzene	yes	798	761	646	726	569	853	898	800	905	955	1256	221.9722867	no	5.9	955	0	human health	0.161864309	1	1.377525122		
benzo(a) pyrene	yes	<6.5	<6.5	<33.	<17.	<7.0	<1.0	<2.0	<1.0	<10.	<10.	1256	253845.1538	yes	0.00013	0	33	human health	0	1	1	0.00000026	0.00000013
benzo(b) fluoranthene	yes	<7.5	<7.5	<38.	<17.	<3.3	<1.0	<2.0	<1.0	<10.	<10.	1256	29229.76923	yes	0.0013	0	38	human health	0	1	1	0.0000026	0.0000013
benzo(k) fluoranthene	yes	<6.5	<6.5	<34.	<35.	<3.3	<1.0	<2.0	<1.0	<10.	<10.	1256	2691.307692	yes	0.013	0	35	human health	0	1	1	0.000026	0.000013
dibenzo(a,h) anthracene	yes	<15.	<15.	<74.	<25.	<5.0	<1.0	<3.0	<1.0	<15.	<10.	1256	569229.7692	yes	0.00013	0	74	human health	0	1	1	0.00000026	0.00000013

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform Gail*	background=0?	Dec 07	Mar 08	Jun 08	Sep 08	Mar 09	May 09	Sep 09	Dec 09	Mar 10	Sep 11	dilution	min dil for no RP	RP?	WQS to use	max detected	max ML	type of parameter	cv	cp	rpf	MDL	AML
benzene	yes	<.16	1.2	<.30	<.30	9.1	0.29	<.15	<.15	0.37	0.57	1920	32.52645389	no	5.9	9.1	0.3	human health	3.148727107	1	21.73693164		
benzo(a) pyrene	yes	<10.	<10.	<10.	<10.	<10.	<10.	<10.	<10.	<5.0	<6.6	1920	76922.07692	yes	0.00013	0	10	human health	0	1	1	0.00000026	0.00000013
undissociated sulfide	yes	1.6	<.01	<.01	70	2900	516	1235	<.01	<.01	457	1920	130336.1417	yes	5.79	2900	0.01	aquatic life	49.34259877	20.16883757	260.224845	0.00579	0.001668928

*first seven sulfide
samples are May-Nov 05

all concentrations in ug/l except AML and MDL (where applicable) which are mg/l

Platform	# of Paramaters	Dilution	Date of Dil. Est.
Platform A	4	1849	Jan 18
Platform B	3	1516	Jan 18
Edith	1	3483	Mar 18
Elly	1	1218	Oct 16
Gilda	8	1551	Mar 18
Gina	5	2569	Jul 17
Habitat	7	3024	Nov 13
Harvest	10	3712	Jul 15
Hermosa	9	2094	Aug 15
Hidalgo	5	4123	Jun 15
Hillhouse	6	1027	May 18
Hogan	7	1256	Mar 18
Gail	3	1920	Sep 11

Seawater Background	(ug/l)
arsenic	3
copper	2
mercury	0.0005
silver	0.16
zinc	8

Constituent of Concern	COP WQS (ug/l)	EPA WQC (ug/l)	Total to Dissolved Factor
ammonia	600	1300	1
arsenic	8	36	1
cadmium	1	7.9	0.994
copper	3	3.1	0.83
cyanide	1	1	1
lead	2	8.1	0.951
manganese		100	1
mercury	0.04	0.051	0.85
nickel	5	8.2	0.99
selenium	15	71	0.998
silver	0.7	1.9	0.85
zinc	20	81	0.946
benzene	5.9	58	1
benzo(a) anthracene		0.0013	1
benzo(a) pyrene		0.00013	1
chrysene		0.13	1
benzo(k) fluoranthene		0.013	1
benzo(b) fluoranthene		0.0013	1
dibenzo(a,h) anthracene		0.00013	1
hexavalent chromium	2	50	0.993
phenol		300000	1
toluene	85000	520	1
ethylbenzene	4100	130	1
naphthalene			1
2,4-dimethyphenol	3000		1
undissociated sulfide	5.79		1

0 0.01 0.01 0 0 0 0 0.01 0.01 0