

LA-UR-13-G € ĩ

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*Title:* **8 5 @D9FA#T5F; 9H'A7HCB L9J9 @(TAL) ''  
9L79985B79'F9DCFH**

*Author(s):* Steve Veenis

*Intended for:* Public

*Purpose:* This report has been prepared to facilitate public review of activities under the Individual Storm Water Permit (National Pollutant Discharge Elimination System Permit No. NM0030759) (IP). This report, not required by the IP, is a summary of TAL exceedances reported ~~at the~~ [ c  
] ~~at the~~ The report will be available on Los Alamos National Laboratory's (LANL) public website established as required under Part 1.1 (7) of the IP.



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**SMA's WITH TAL EXCEEDANCES IN 2011**  
 (CLICK ON TEXT IN BOX TO LINK DIRECTLY TO EXCEEDANCE REPORTS)

VOLUME 1 Los Alamos/Pueblo	VOLUME 3 Sandia/Mortandad	VOLUME 3 Pajarito	VOLUME 4 Water/CDV	VOLUME 5 Ancho/CHQ
<a href="#">R-SMA-1</a>	<a href="#">S-SMA-0.25</a>	<a href="#">2M-SMA-1</a>	<a href="#">CDV-SMA-1.45</a>	<a href="#">A-SMA-2.7</a>
<a href="#">R-SMA-1.95</a>	<a href="#">S-SMA-1.1</a>	<a href="#">2M-SMA-1.42</a>	<a href="#">CDV-SMA-2.41</a>	<a href="#">CHQ-SMA-1.02</a>
<a href="#">ACID-SMA-2</a>	<a href="#">S-SMA-2</a>	<a href="#">2M-SMA-1.44</a>	<a href="#">CDV-SMA-3</a>	
<a href="#">LA-SMA-0.85</a>	<a href="#">S-SMA-2.01</a>	<a href="#">2M-SMA-1.45</a>	<a href="#">CDV-SMA-6.02</a>	
<a href="#">LA-SMA-1</a>	<a href="#">S-SMA-3.53</a>	<a href="#">2M-SMA-1.65</a>	<a href="#">F-SMA-2</a>	
<a href="#">LA-SMA-1.1</a>	<a href="#">S-SMA-3.6</a>	<a href="#">2M-SMA-1.7</a>	<a href="#">PT-SMA-0.5</a>	
<a href="#">LA-SMA-1.25</a>	<a href="#">S-SMA-4.1</a>	<a href="#">2M-SMA-1.8</a>	<a href="#">PT-SMA-1</a>	
<a href="#">LA-SMA-2.3</a>	<a href="#">S-SMA-6</a>	<a href="#">2M-SMA-2</a>	<a href="#">PT-SMA-2.01</a>	
<a href="#">LA-SMA-4.1</a>	<a href="#">CDB-SMA-0.25</a>	<a href="#">2M-SMA-2.2</a>	<a href="#">W-SMA-1</a>	
<a href="#">LA-SMA-5.02</a>	<a href="#">CDB-SMA-1</a>	<a href="#">PJ-SMA-3.05</a>	<a href="#">W-SMA-1.5</a>	
<a href="#">LA-SMA-5.31</a>	<a href="#">M-SMA-1</a>	<a href="#">PJ-SMA-5.1</a>	<a href="#">W-SMA-2.05</a>	
<a href="#">LA-SMA-5.33</a>	<a href="#">M-SMA-1.22</a>	<a href="#">PJ-SMA-13.7</a>	<a href="#">W-SMA-8.71</a>	
<a href="#">LA-SMA-5.35</a>	<a href="#">M-SMA-4</a>	<a href="#">PJ-SMA-20</a>	<a href="#">W-SMA-9.9</a>	
<a href="#">LA-SMA-5.91</a>	<a href="#">M-SMA-10.01</a>	<a href="#">STRM-SMA-1.05</a>	<a href="#">W-SMA-10</a>	
<a href="#">LA-SMA-10.12</a>	<a href="#">M-SMA-10.3</a>	<a href="#">STRM-SMA-4.2</a>	<a href="#">W-SMA-11.7</a>	
<a href="#">DP-SMA-0.3</a>	<a href="#">T-SMA-1</a>	<a href="#">STRM-SMA-5.05</a>	<a href="#">W-SMA-14.1</a>	
<a href="#">DP-SMA-3</a>			<a href="#">W-SMA-15.1</a>	

**☞&!<ci f'CfU`9I WYXUbW`A H5 @FYdcfh**

Friday, May 3, 2013

**DYfa JHfX`:** YUhi fY.` R002

**GA 5.** R-SMA-1

**5 ggcWUHfX`GJHfYfL** C-00-041

**GHUfcb.** SS00

**7 c`YWHfX.** JUL. 2, 2011

**DfcWggYX.** NOV. 1, 2011

**CfU`FYdcfh** NOV. 1, 2011

<b>Gi JhY</b>	<b>5 bUntfY</b>	<b>5 bUntfY`8 YgW]dHfcb</b>
METALS	Zn	Zinc

<b>GUa d`Y`8</b>	<b>Gh`FYgi `h I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUfj</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10570	45.3 ug/L	20	42	1.0786			

**⊖& !<ci f`CfU`9I WYXUbW`A H5 @FYdcfh**  
 Friday, May 3, 2013

**DYfa JHXY:** YUhi fY.` R002

**GA 5.** R-SMA-1

**5 ggcWUHYX`GJHfytL** C-00-041

**GHUjcb.** SS00

**7 c`YWHYX.** AUG. 19, 2011

**DfcWggYX.** OCT. 14, 2011

**CfU`FYdcfh** OCT. 14, 2011

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
METALS	Al	Aluminum

<b>GUa d`Y=8</b>	<b>Gh`FYgi `h I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUjc</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10571	2010 ug/L	2.5	750	2.68	E		

**5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa jHfX:** YUf fY. R002

**GA5.** R-SMA-1

**5 ggcWjUHfX'GjHfjL** C-00-041

**GfUjcb.** SS00

**5 H5 @7 UWDYfjcx.** NOV. 1, 2010 through OCT. 12, 2011 Stage : M18

**DfcWggYX.** OCT. 14, 2011

**F YdcfhfX.** OCT. 14, 2011

**Gi jHf' 5 bUmf' 5 bUmf' 8 YgWjdfjcb**

RAD GROSSA Gross alpha

**AE @ 5 H5 @ ; Yca YUb I CA ; Yca YUb#H5 @F Ujcb**

0 15 32.8361 pCi/L 2.1891

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10572	02-JUL-11		21.1		3.5	pCi/L					21.1
WT_IPLAP-11-10573	19-AUG-11		51.1		4.40000000	pCi/L					32.8361

**5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa JhYX:** YUhi fY. R003

**GA5.** R-SMA-1.95

**5 ggcWjUHYX'GjHYfjL** 00-015

**GfUjcb.** SS092701

**5 H5 @7 UWDYfjcx.** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**DfcWggYX.** NOV. 2, 2011

**F YdcfhYX.** FEB. 20, 2013

**Gi jh' 5 bUmt' 5 bUmt' 8 YgWjdljcb**

RAD GROSSA Gross alpha

**AE @ 5 H5 @ ; Yca Yub I CA ; Yca Yub#H5 @F Ujcb**

0 15 27.4 pCi/L 1.8267

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10456	19-AUG-11		27.4		2.5	pCi/L					27.4

**ⒹⓈ!<ci f' CfU`9I WYXUbW`A H5 @FYdcfh**

Wednesday, October 12, 2011

**DYfa JHfX:** YUhi fY.` P002

**GA 5.** ACID-SMA-2

**5 ggcWUfX`GJHfYk** 00-030(f), 01-002(b)-00, 45-001, 45-002, 45-004

**GUhcb.** SS100105

**7 c`YWHX.** AUG. 19, 2011

**DfcWggYX.** OCT. 12, 2011

**CfU`FYdcfh** OCT. 12, 2011

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHcb</b>
METALS	Al	Aluminum

<b>GUa d`Y`8</b>	<b>Gh`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUhc</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10546	789	ug/L	2.5	750	1.052	N	J+	I6b

**-D' & !<ci f' CfU' 9I WYXUbW' 5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa jHfX:** YUhi fY. P002

**GA 5.** ACID-SMA-2

**5 ggcWjUHfX' GJHfYfL** 00-030(f), 01-002(b)-00, 45-001, 45-002, 45-004

**GfUjcb.** SS100105

**5 H5 @7 UWDYfjcX.** DEC. 1, 2010 through NOV. 2, 2011 Stage : M12

**DfcWggYX.** NOV. 4, 2011

**F YdcfhfX.** NOV. 21, 2011

**Gi jHf' 5 bUmf' 5 bUmf' 8 YgWjdfjcb**

PCBCONGENE 1336-36-3 Total PCB  
RS

**AE @' 5 H5 @' ; Yca YUb' I CA' ; Yca YUb#H5 @F Ujcb**

.00064 .00064 .0822 ug/L 128.4375

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10548	19-AUG-11		.0822			ug/L	NQ	NQ		.0822	.0822



**-D'&!<ci f'CfU'9I WYXUbW'5 H5 @FYdcfh**

Tuesday, May 7, 2013

**DYfa jHfX:** YUhi fY. P002

**GA5.** ACID-SMA-2

**5 ggcWjUHfX'GjHfYfL** 00-030(f), 01-002(b)-00, 45-001, 45-002, 45-004

**GfUjcb.** SS100105

**5 H5 @7 UWDYfjcx.** DEC. 1, 2010 through NOV. 2, 2011 Stage : M12

**DfcWggYX.** NOV. 2, 2011

**FYdcfhfX.** NOV. 21, 2011

<b>Gi jHf</b>	<b>5 bUmf</b>	<b>5 bUmf 8 YgWjdfjcb</b>
RAD	GROSSA	Gross alpha

<b>AE @</b>	<b>5 H5 @</b>	<b>; Yca YUb</b>	<b>I CA</b>	<b>; Yca YUb#H5 @FUjcb</b>
0	15	40.5	pCi/L	2.7

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10548	19-AUG-11		40.5		2.80000000	pCi/L		NQ	NQ	40.5	40.5

**☞&!<ci f`CfU`9I WYXUbW`A H5 @FYdcfh**

Friday, May 3, 2013

**DYfa JHfX`:** YUhi fY.` L001

**GA 5.** LA-SMA-0.85

**5 ggcWUfX`GJHfYk** 03-055(c)

**GHUjcb.** SS091010

**7 c`YWHfX.** JUL. 30, 2011

**DfcWggYX.** SEP. 29, 2011

**CfU`FYdcfh** SEP. 29, 2011

<b>Gi JhY</b>	<b>5 bUntfY</b>	<b>5 bUntfY`8 YgW]dHjcb</b>
METALS	Al	Aluminum

<b>GUa d`Y`8</b>	<b>GhX`FYgi `h I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>GhX`FYgi `h #5 @FUjcb</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `Uj</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10466	1310 ug/L	2.5	750	1.7467	N	J+	I6b

**⊕&!<ci f`CfU`9I WYXUbW`A H5 @FYdcfh**

Friday, May 3, 2013

DYfa JHYX: YUhi fY.` L001

GA 5. LA-SMA-0.85

5 ggcWUHYX`GJHYfYk 03-055(c)

GHUjcb. SS091010

7 c`YWHYX. JUL. 30, 2011

DfcWggYX. SEP. 29, 2011

CfU`FYdcfh SEP. 29, 2011

<b>Gi JHY</b>	<b>5 bUntHY</b>	<b>5 bUntHY`8 YgW]dHjcb</b>
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METALS

Cu

Copper

**GUa d`Y=8**

**Gh`FYgi `h I CA**

**AE @**

**AH5 @**

**Gh`FYgi `h**

**#5 @FUjcb**

**@V`Ei U**

**7 cbWUhi: `Uj**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10466

18.9 ug/L

.5

4.3

4.3953

E

**☛& !<ci f`CfU`9I WYXUbW`A H5 @FYdcfh**  
 Friday, May 3, 2013

**DYfa jHYX: YUhi fY.` L001**

**GA 5. LA-SMA-0.85**

**5 ggcWUHYX`GjHYfytL 03-055(c)**

**GHUjcb. SS091010**

**7 c``YWHYX. JUL. 30, 2011**

**DfcWggYX. SEP. 29, 2011**

**CfU`FYdcfh SEP. 29, 2011**

<b>Gi jHY</b>	<b>5 bUntHY</b>	<b>5 bUntHY`8 YgW]dHjcb</b>
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METALS	Zn	Zinc
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<b>GUa d`Y=8</b>	<b>Gh`FYgi `h I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUjcb</b>	<b>@V`Ei U 7 cbWUhi: `Uj</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10466	55.7 ug/L	20	42	1.3262		

**☞&!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Tuesday, October 11, 2011

**DYfa JHfX: YUhi fY.` L001**

**GA 5. LA-SMA-0.85**

**5 ggcWUfX`GJHfbl 03-055(c)**

**GHfcb. SS091010**

**7 c`YWHX. AUG. 14, 2011**

**DfcWggYX. OCT. 11, 2011**

**CfU`FYdcfh OCT. 11, 2011**

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHcb</b>
METALS	Al	Aluminum

<b>GUa d`Y`8</b>	<b>GH`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>GH`FYgi `h</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10467	4170	ug/L	2.5	750	5.56			

**⊖&!<ci f' CfU`9I WYXUbW`AH5 @FYdcfh**

Tuesday, October 11, 2011

**DYfa jHYX: YUhi fY.` L001**

**GA 5. LA-SMA-0.85**

**5 ggcWUHYX`GjHYfbk 03-055(c)**

**GHUjcb. SS091010**

**7 c`YWHYX. AUG. 14, 2011**

**DfcWggYX. OCT. 11, 2011**

**CfU`FYdcfh OCT. 11, 2011**

<b>Gi jHY</b>	<b>5 bUntHY</b>	<b>5 bUntHY`8 YgW]dHjcb</b>
METALS	Cu	Copper

<b>GUa d`Y`8</b>	<b>Gh`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUjc</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10467	47.1	ug/L	.5	4.3	10.9535			

**Ⓓ & !<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Tuesday, October 11, 2011

**DYfa jHhYX: YUhi fY.` L001**

**GA 5. LA-SMA-0.85**

**5 ggcWjUhyX`GjHhfyk 03-055(c)**

**GHUjcb. SS091010**

**7 c`YWHYX. AUG. 14, 2011**

**DfcWggYX. OCT. 11, 2011**

**CfU`FYdcfh OCT. 11, 2011**

<b>Gi jhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgWjdHjcb</b>
METALS	Pb	Lead

<b>GUa d`Y`8</b>	<b>GhX`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>GhX`FYgi `h #5 @FUjC</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `Uj</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10467	17.7	ug/L	.5	17	1.0412			

**ⒹⒺ!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Tuesday, October 11, 2011

**DYfa JHXY:** YUhi fY.` L001

**GA 5.** LA-SMA-0.85

**5 ggcWUHYX`GJHfytL** 03-055(c)

**GHUjcb.** SS091010

**7 c`YWHYX.** AUG. 14, 2011

**DfcWggYX.** OCT. 11, 2011

**CfU`FYdcfh** OCT. 11, 2011

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
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METALS                      Zn                      Zinc

<b>GUa d`Y`8</b>	<b>Gh`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUjc</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10467	186	ug/L	20	42	4.4286			



**⊖&!<ci f' CfU`9I WYXUbW`A H5 @FYdcfh**

Wednesday, October 12, 2011

**DYfa JHXY:** YUhi fY.` L003

**GA 5.** LA-SMA-1

**5 ggcWUHYX`GJHfytL** 00-017, C-00-044

**GHUjcb.** SS081003

**7 c`YWHYX.** AUG. 19, 2011

**DfcWggYX.** OCT. 12, 2011

**CfU`FYdcfh** OCT. 12, 2011

<b>Gi JHY</b>	<b>5 bUntHY</b>	<b>5 bUntHY`8 YgW]dHjcb</b>
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METALS

Al

Aluminum

**GUa d`Y`8**

**Gh`FYgi `h**

**I CA**

**AE @**

**AH5 @**

**Gh`FYgi `h**

**#5 @FUjcb**

**@V`Ei U**

**7 cbWUhi: `Uj**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10366

6510

ug/L

2.5

750

8.68

N

J+

I6b

**⊖&!<ci f' CfU`9I WYXUbW`A H5 @FYdcfh**

Wednesday, October 12, 2011

**DYfa JHYX: YUhi fY.` L003**

**GA 5. LA-SMA-1**

**5 ggcWUHYX`GJHYfbk 00-017, C-00-044**

**GHUjcb. SS081003**

**7 c`YWHYX. AUG. 19, 2011**

**DfcWggYX. OCT. 12, 2011**

**CfU`FYdcfh OCT. 12, 2011**

<b>Gi JHY</b>	<b>5 bUntHY</b>	<b>5 bUntHY`8 YgW]dHjcb</b>
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METALS

Cu

Copper

**GUa d`Y`8**

**Gh`FYgi `h**

**I CA**

**AE @**

**AH5 @**

**Gh`FYgi `h**

**#5 @FUjcb**

**@V`Ei U**

**7 cbWUhi: `U**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10366

7.8

ug/L

.5

4.3

1.814

**⊖&!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Wednesday, October 12, 2011

**DYfa JHXY: YUhi fY.` L003**

**GA 5. LA-SMA-1**

**5 ggcWUHYX`GJHfytL 00-017, C-00-044**

**GHUjcb. SS081003**

**7 c`YWHYX. AUG. 19, 2011**

**DfcWggYX. OCT. 12, 2011**

**CfU`FYdcfh OCT. 12, 2011**

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dhjcb</b>
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METALS

Pb

Lead

**GUa d`Y`8**

**Gh`FYgi `h**

**I CA**

**AE @**

**AH5 @**

**Gh`FYgi `h**

**#5 @FUjc**

**@V`Ei U**

**7 cbWUhi: `U**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10366

42.1

ug/L

.5

17

2.4765

**5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa JhYX:** YUhi fY. L003

**GA5.** LA-SMA-1

**5 ggcWjUHYX'GjHYfjL** 00-017, C-00-044

**GfUjcb.** SS081003

**5 H5 @7 UWDYfjcx.** NOV. 1, 2010 through NOV. 2, 2011 Stage : M18

**DfcWggYX.** NOV. 2, 2011

**F YdcfhYX.** AUG. 27, 2012

<b>Gi jhY</b>	<b>5 bUmtY</b>	<b>5 bUmtY 8 YgWjdljcb</b>
RAD	GROSSA	Gross alpha

<b>AE @</b>	<b>5 H5 @</b>	<b>; Yca YUb</b>	<b>I CA</b>	<b>; Yca YUb#H5 @F Ujcb</b>
0	15	1800	pCi/L	120

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10368	19-AUG-11		1800		170	pCi/L					1800

**ⒹⓈ!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Friday, May 3, 2013

**DYfa JHXY: YUhi fY.` L004**

**GA 5. LA-SMA-1.1**

**5 ggcWUHYX`GJHYfytL 43-001(b2)**

**GHUjcb. SS081004**

**7 c``YWHYX. JUL. 28, 2011**

**DfcWggYX. SEP. 29, 2011**

**CfU`FYdcfh SEP. 29, 2011**

<b>Gi JHY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
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METALS

Cu

Copper

**GUa d`Y=8**

**Gh`FYgi `h I CA**

**AE @**

**AH5 @**

**Gh`FYgi `h**

**#5 @FUjcb**

**@V`Ei U**

**7 cbWUhi: `Uj**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10370

26.6

ug/L

.5

4.3

6.186

E

**ⒹⓈ!<ci f' CfU'9I WYXUbW' AH5 @FYdcfh**

Friday, May 3, 2013

**DYfa JHfX': YUhi fY.' L004**

**GA 5. LA-SMA-1.1**

**5 ggcWUHYX' GJHfYbL 43-001(b2)**

**GHUjcb. SS081004**

**7 c''YWHYX. JUL. 28, 2011**

**DfcWggYX. SEP. 29, 2011**

**CfU'FYdcfh SEP. 29, 2011**

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY'8 YgW]dHjcb</b>
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METALS

Zn

Zinc

**GUa d`Y=8**

**Gh'FYgi `h I CA**

**AE @**

**AH5 @**

**Gh'FYgi `h**

**#5 @FUjcb**

**@V'Ei U**

**7 cbWUhi: `Uj**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10370

162

ug/L

20

42

3.8571

**⊖&!<ci f' CfU'9I WYXUbW' AH5 @FYdcfh**

Wednesday, October 12, 2011

DYfa JHYX: YUhi fY.' L004

GA 5. LA-SMA-1.1

5 ggcWUHYX' GJHYfytL 43-001(b2)

GHUjcb. SS081004

7 c''WNYX. AUG. 19, 2011

DfcWggYX. OCT. 12, 2011

CfU'FYdcfh OCT. 12, 2011

Gi JHY	5 bUntY	5 bUntY'8 YgW]dHjcb
METALS	Cu	Copper

GUa d`Y=8	Gh'FYgi `h	I CA	AE @	AH5 @	Gh'FYgi `h #5 @FUjc	@V'Ei U	7 cbWUhi: `U	7 cbWUhiFYUgcb
WT_IPLAP-11-10371	6.3	ug/L	.5	4.3	1.4651			

**-D' & !<ci f' CfU' 9I WYXUbW' 5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa ]hYX' : YUhi fY.** L004

**GA 5.** LA-SMA-1.1

**5 ggcW]UHYX' G]hYf]L** 43-001(b2)

**GU]cb.** SS081004

**5 H5 @7 UWDYf]cX.** NOV. 1, 2010 through OCT. 10, 2011 Stage : M18

**DfcWggYX.** OCT. 12, 2011

**F YdcfhYX.** OCT. 12, 2011

<b>Gi ]hY'</b>	<b>5 bUmtY'</b>	<b>5 bUmtY' 8 YgW]d]cb</b>
RAD	GROSSA	Gross alpha

<b>AE @'</b>	<b>5 H5 @'</b>	<b>; Yca YUb'</b>	<b>I CA '''''';</b>	<b>Yca YUb#H5 @F U]c</b>
0	15	26.1649	pCi/L	1.7443

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10372	28-JUL-11		32.6		3.5	pCi/L					32.6
WT_IPLAP-11-10373	19-AUG-11		21		3.20000000	pCi/L					26.1649



**ⒹⓈ!<ci f`CfU`9I WYXUbW`A H5 @FYdcfh**

Friday, May 3, 2013

**DYfa JHXY: YUhi fY.` L005**

**GA 5. LA-SMA-1.25**

**5 ggcWUHYX`GJHfytL C-43-001**

**GHUjcb. SS091011**

**7 c``YWHYX. JUL. 30, 2011**

**DfcWggYX. SEP. 29, 2011**

**CfU`FYdcfh SEP. 29, 2011**

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
METALS	Cu	Copper

<b>GUa d`Y=8</b>	<b>Gh`FYgi `h I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h</b>	<b>@J`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10470	13.8 ug/L	.5	4.3	#5 @FUjc 3.2093	E		

**☞&!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**  
 Friday, May 3, 2013

**DYfa jHYX': YUhi fY.' L005**

**GA 5. LA-SMA-1.25**

**5 ggcWUHYX' GJHYfytL C-43-001**

**GHUjcb. SS091011**

**7 c``YWHYX. JUL. 30, 2011**

**DfcWggYX. SEP. 29, 2011**

**CfU`FYdcfh SEP. 29, 2011**

<b>Gi jHY</b>	<b>5 bUntHY</b>	<b>5 bUntHY`8 YgW]dHjcb</b>
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METALS	Zn	Zinc
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<b>GUa d`Y=8</b>	<b>GhX'FYgi`h I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>GhX'FYgi`h #5 @FUjcb</b>	<b>@V'Ei U</b>	<b>7 cbWUhi:`U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10470	109 ug/L	20	42	2.5952			

**ⒹⒺ!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Friday, October 28, 2011

**DYfa JHXY:** YUhi fY.` L005

**GA 5.** LA-SMA-1.25

**5 ggcWUHYX`GJHfytL** C-43-001

**GHUjcb.** SS091011

**7 c`YWHYX.** AUG. 28, 2011

**DfcWggYX.** OCT. 28, 2011

**CfU`FYdcfh** OCT. 28, 2011

<b>Gi JhY</b>	<b>5 bUntH</b>	<b>5 bUntH`8 YgW]dHjcb</b>
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METALS

Cu

Copper

**GUa d`Y`8**

**Gh`FYgi `h**

**I CA**

**AE @**

**AH5 @**

**Gh`FYgi `h**

**#5 @FUjcb**

**@V`Ei U**

**7 cbWUhi: `U**

**7 cbWUhiFYUgcb**

WT\_IPLAP-11-10471

33.3

ug/L

.5

4.3

7.7442

E

**☞&!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Friday, October 28, 2011

**DYfa JHXY: YUhi fY.` L005**

**GA 5. LA-SMA-1.25**

**5 ggcWUHYX`GJHfytL C-43-001**

**GHUjcb. SS091011**

**7 c`YWHYX. AUG. 28, 2011**

**DfcWggYX. OCT. 28, 2011**

**CfU`FYdcfh OCT. 28, 2011**

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
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METALS                      Zn                      Zinc

<b>GUa d`Y`8</b>	<b>GH`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>GH`FYgi `h #5 @FUjcb</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10471	112	ug/L	20	42	2.6667			

**5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa JhYX:** YUhi fY. L007

**GA 5.** LA-SMA-2.3

**5 ggcWjUHYX'GjHYfjL** 01-001(b)

**GfUjcb.** SS081024

**5 H5 @7 UWDYfjcx.** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**DfcWggYX.** NOV. 22, 2011

**F YdcfhYX.** SEP. 21, 2012

<b>Gi jhY</b>	<b>5 bUmtY</b>	<b>5 bUmtY 8 YgWjdljcb</b>
RAD	GROSSA	Gross alpha

<b>AE @</b>	<b>5 H5 @</b>	<b>; Yca YUb</b>	<b>I CA</b>	<b>; Yca YUb#H5 @F Ujcb</b>
0	15	74.7	pCi/L	4.98

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10412	21-AUG-11		74.7		2.90000000	pCi/L					74.7

**ⒹⓂⓃ!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Tuesday, October 18, 2011

**DYfa JHXY:** YUhi fY.` L010

**GA 5.** LA-SMA-4.1

**5 ggcWUHXY`GJHfytL** 01-003(b), 01-006(b)

**GHUjcb.** SS101035

**7 c`YWHYX.** AUG. 19, 2011

**DfcWggYX.** OCT. 18, 2011

**CfU`FYdcfh** OCT. 18, 2011

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
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METALS

Cu

Copper

**GUa d`Y`8**

WT\_IPLAP-11-10534

**Gh`FYgi `h**

6.7

**I CA**

ug/L

**AE @**

.5

**AH5 @**

4.3

**Gh`FYgi `h**

**#5 @FUjc**

1.5581

**@V`Ei U**

**7 cbWUhi: `U**

**7 cbWUhiFYUgcb**

**☞&!<ci f' CfU`9I WYXUbW`A H5 @F Ydcfh**

Friday, October 28, 2011

**DYfa JHXY: YUhi fY.` L010**

**GA 5. LA-SMA-4.1**

**5 ggcWUHYX`GJHfytL 01-003(b), 01-006(b)**

**GHUjcb. SS101035**

**7 c`YWHYX. SEP. 4, 2011**

**DfcWggYX. OCT. 28, 2011**

**CfU`FYdcfh OCT. 28, 2011**

<b>Gi JhY</b>	<b>5 bUntY</b>	<b>5 bUntY`8 YgW]dHjcb</b>
METALS	Cu	Copper

<b>GUa d`Y`8</b>	<b>Gh`FYgi `h</b>	<b>I CA</b>	<b>AE @</b>	<b>AH5 @</b>	<b>Gh`FYgi `h #5 @FUjc</b>	<b>@V`Ei U</b>	<b>7 cbWUhi: `U</b>	<b>7 cbWUhiFYUgcb</b>
WT_IPLAP-11-10535	5.3	ug/L	.5	4.3	1.2326			

**5 H5 @F Ydcfh**

Tuesday, May 7, 2013

**DYfa JhYX:** YUhi fY. L010

**GA 5.** LA-SMA-4.1

**5 ggcWjUHYX'GjHYfjL** 01-003(b), 01-006(b)

**GfUjcb.** SS101035

**5 H5 @7 UWDYfjcx.** DEC. 1, 2010 through NOV. 7, 2011 Stage : M12

**DfcWggYX.** NOV. 9, 2011

**F YdcfhYX.** NOV. 9, 2011

**Gi jhY'.....5 bUmtY'.....5 bUmtY'8 YgWjdljcb**

PCBCONGENE 1336-36-3 Total PCB  
RS

**AE @.....5 H5 @.....; Yca YUb.....I CA .....; Yca YUb#H5 @F Ujcb**

.00064 .00064 .0225 ug/L 35.1562

**Geomean Details**

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10536	19-AUG-11		.0625			ug/L	NQ	NQ		.0625	.0625
WT_IPLAP-11-10537	04-SEP-11		.0081			ug/L	NQ	NQ		.0081	.0225



## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L010

**SMA:** LA-SMA-4.1

**Associated Site(s):** 01-003(b), 01-006(b)

**Station:** SS101035

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 7, 2011      **Stage :** M12

**Processed:** OCT. 28, 2011

**Reported:** OCT. 28, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	32.6945	pCi/L	2.1796

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10536	19-AUG-11		111		3	pCi/L	NQ	NQ		111	111
WT_IPLAP-11-10537	04-SEP-11		9.63		3	pCi/L	NQ	NQ		9.63	32.6945

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** L012A

**SMA:** LA-SMA-5.02

**Associated Site(s):** 01-003(e)

**Station:** SS091013

**Collected:** AUG. 19, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS	Cu	Copper
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Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPLAP-11-10479	4.9	ug/L	.5	4.3	1.1395			

## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L012A

**SMA:** LA-SMA-5.02

**Associated Site(s):** 01-003(e)

**Station:** SS091013

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 24, 2011 Stage : M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0603	ug/L	94.2642

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10480	03-AUG-11		.0337	.0000216		ug/L					.0337
WT_IPLAP-11-10481	19-AUG-11		.108			ug/L					.0603

## IP 24-Hour Oral Exceedance MTAL Report

Friday, October 14, 2011

**Permitted Feature:** L015

**SMA:** LA-SMA-5.31

**Associated Site(s):** 41-002(c)

**Station:** SS081012

**Collected:** AUG. 19, 2011

**Processed:** OCT. 14, 2011

**Oral Report:** OCT. 14, 2011

Suite	Analyte	Analyte Description
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METALS	Cu	Copper
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Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPLAP-11-10378	5.5	ug/L	.5	4.3	1.2791	EN	J-	I6a

# IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L015

**SMA:** LA-SMA-5.31

**Associated Site(s):** 41-002(c)

**Station:** SS081012

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** AUG. 27, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	86	pCi/L	5.7333

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10380	19-AUG-11		86		9.20000000	pCi/L					86

# IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L016

**SMA:** LA-SMA-5.33

**Associated Site(s):** 32-004

**Station:** SS081013

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 21, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	100	pCi/L	6.6667

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10384	21-AUG-11		100		6.30000000	pCi/L					100

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** L014

**SMA:** LA-SMA-5.35

**Associated Site(s):** C-41-004

**Station:** SS091014

**Collected:** AUG. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPLAP-11-10482	5.9	ug/L	.5	4.3	1.3721			

## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L014

**SMA:** LA-SMA-5.35

**Associated Site(s):** C-41-004

**Station:** SS091014

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 26, 2011      **Stage :** M12

**Processed:** OCT. 28, 2011

**Reported:** OCT. 28, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	100.2547	pCi/L	6.6836

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10484	04-AUG-11		11.5		3	pCi/L	NQ	NQ		11.5	11.5
WT_IPLAP-11-10485	07-SEP-11		874		30	pCi/L	NQ	NQ		874	100.2547



## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L019

**SMA:** LA-SMA-5.91

**Associated Site(s):** 21-009, 21-021, 21-023(c), 21-027(d)

**Station:** SS091019

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 26, 2011 Stage : M12

**Processed:** NOV. 2, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	92.6	pCi/L	6.1733

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10504	07-SEP-11		92.6		3.40000000	pCi/L		NQ	NQ	92.6	92.6

# IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** L030A

**SMA:** LA-SMA-10.12

**Associated Site(s):** 53-008

**Station:** SS091021

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	23	pCi/L	1.5333

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10512	01-SEP-11		23		3	pCi/L					23

## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** D001

**SMA:** DP-SMA-0.3

**Associated Site(s):** 21-029

**Station:** SS0375

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	65.5	pCi/L	4.3667

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10590	19-AUG-11		65.5		4.20000000	pCi/L					65.5

## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** D001

**SMA:** DP-SMA-0.3

**Associated Site(s):** 21-029

**Station:** SS0375

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	Ra-226+228	Radium-226 and Radium-228

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	30	68.3	pCi/L	2.2767

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-10590	19-AUG-11		68.3		1.59000000	pCi/L				68.3	

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** D007

**SMA:** DP-SMA-3

**Associated Site(s):** 21-013(c), 21-021

**Station:** SS111906

**Collected:** JUL. 29, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPLAP-11-25755	1870	ug/L	2.5	750	2.4933	N	J+	I6b

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** D007

**SMA:** DP-SMA-3

**Associated Site(s):** 21-013(c), 21-021

**Station:** SS111906

**Collected:** JUL. 29, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPLAP-11-25755	5.5	ug/L	.5	4.3	1.2791			

## IP 24-Hour Oral Exceedance ATAL Report

Tuesday, May 7, 2013

**Permitted Feature:** D007

**SMA:** DP-SMA-3

**Associated Site(s):** 21-013(c), 21-021

**Station:** SS111906

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** DEC. 9, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	174	pCi/L	11.6

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPLAP-11-25756	29-JUL-11		174		13	pCi/L					174

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** S001

**SMA:** S-SMA-0.25

**Associated Site(s):** 03-013(a), 03-052(f)

**Station:** SS091601

**Collected:** JUL. 28, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10616	9.7	ug/L	.5	4.3	2.2558			



## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** S001

**SMA:** S-SMA-0.25

**Associated Site(s):** 03-013(a), 03-052(f)

**Station:** SS091601

**Collected:** JUL. 28, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10616	74.4	ug/L	20	42	1.7714			

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, October 11, 2011

**Permitted Feature:** S001

**SMA:** S-SMA-0.25

**Associated Site(s):** 03-013(a), 03-052(f)

**Station:** SS091601

**Collected:** AUG. 15, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10617	10.9	ug/L	.5	4.3	2.5349			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** S001

**SMA:** S-SMA-0.25

**Associated Site(s):** 03-013(a), 03-052(f)

**Station:** SS091601

**Collected:** AUG. 15, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10617	52.9	ug/L	20	42	1.2595			

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S001

**SMA:** S-SMA-0.25

**Associated Site(s):** 03-013(a), 03-052(f)

**Station:** SS091601

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 19, 2011 Stage : M12

**Processed:** NOV. 2, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0502	ug/L	78.4375

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10619	15-AUG-11		.0502	.0000218		ug/L		NQ	NQ	.0502	.0502

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S001

**SMA:** S-SMA-0.25

**Associated Site(s):** 03-013(a), 03-052(f)

**Station:** SS091601

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 19, 2011      **Stage :** M12

**Processed:** OCT. 11, 2011

**Reported:** OCT. 11, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	15.1981	pCi/L	1.0132

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10618	28-JUL-11		28.1		2.2	pCi/L	NQ	NQ		28.1	28.1
WT_IPSAN-11-10619	15-AUG-11		8.22		2.2	pCi/L	NQ	NQ		8.22	15.1981

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** S002

**SMA:** S-SMA-1.1

**Associated Site(s):** 03-029

**Station:** SS101622

**Collected:** AUG. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10656	5.2	ug/L	.5	4.3	1.2093			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S002

**SMA:** S-SMA-1.1

**Associated Site(s):** 03-029

**Station:** SS101622

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 3, 2011

**Reported:** NOV. 3, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.1061	ug/L	165.7414

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10658	04-AUG-11		.114	.0000217		ug/L					.114
WT_IPSAN-11-10659	04-SEP-11		.0987			ug/L					.1061

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** S003

**SMA:** S-SMA-2

**Associated Site(s):** 03-012(b), 03-045(b), 03-045(c), 03-052(b), 03-056(c)

**Station:** SS101626

**Collected:** JUL. 28, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10672	8.3	ug/L	.5	4.3	1.9302			



## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** S003

**SMA:** S-SMA-2

**Associated Site(s):** 03-012(b), 03-045(b), 03-045(c), 03-052(b), 03-056(c)

**Station:** SS101626

**Collected:** JUL. 28, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10672	62.6	ug/L	20	42	1.4905			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** S003

**SMA:** S-SMA-2

**Associated Site(s):** 03-012(b), 03-045(b), 03-045(c), 03-052(b), 03-056(c)

**Station:** SS101626

**Collected:** AUG. 13, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10673	5.8	ug/L	.5	4.3	1.3488			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S003

**SMA:** S-SMA-2

**Associated Site(s):** 03-012(b), 03-045(b), 03-045(c), 03-052(b), 03-056(c)

**Station:** SS101626

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 19, 2011      Stage : M12

**Processed:** OCT. 21, 2011

**Reported:** OCT. 21, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.165	ug/L	257.7557

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10674	28-JUL-11		.193	.000039		ug/L	NQ	NQ		.193	.193
WT_IPSAN-11-10675	13-AUG-11		.141	.0000213		ug/L	NQ	NQ		.141	.165

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** S003A

**SMA:** S-SMA-2.01

**Associated Site(s):** 03-052(b)

**Station:** SS091602

**Collected:** AUG. 5, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10620	10.9	ug/L	.5	4.3	2.5349			

## IP 24-Hour Oral Exceedance MTAL Report

Monday, October 17, 2011

**Permitted Feature:** S003A

**SMA:** S-SMA-2.01

**Associated Site(s):** 03-052(b)

**Station:** SS091602

**Collected:** SEP. 7, 2011

**Processed:** OCT. 17, 2011

**Oral Report:** OCT. 17, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10621	10.7	ug/L	.5	4.3	2.4884			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S003A

**SMA:** S-SMA-2.01

**Associated Site(s):** 03-052(b)

**Station:** SS091602

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 3, 2011

**Reported:** NOV. 3, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.8553	ug/L	1336.3715

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10622	05-AUG-11		.385	.0000214		ug/L					.385
WT_IPSAN-11-10623	07-SEP-11		1.9			ug/L					.8553

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, March 13, 2012

**Permitted Feature:** S005B

**SMA:** S-SMA-3.53

**Associated Site(s):** 03-014(b2)

**Station:** SS091605

**Collected:** AUG. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	ML	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10632	1490	ug/L	2.5	750	1.9867			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, March 13, 2012

**Permitted Feature:** S005B

**SMA:** S-SMA-3.53

**Associated Site(s):** 03-014(b2)

**Station:** SS091605

**Collected:** AUG. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10632	9.6	ug/L	.5	4.3	2.2326			



## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S005B

**SMA:** S-SMA-3.53

**Associated Site(s):** 03-014(b2)

**Station:** SS091605

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 11, 2011 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.702	ug/L	1096.875

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10634	04-AUG-11		.702	.0000305		ug/L					.702

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

Permitted Feature: S005B

SMA: S-SMA-3.53

Associated Site(s): 03-014(b2)

Station: SS091605

ATAL Calc Period: NOV. 1, 2010 through OCT. 11, 2011 Stage : M18

Processed: NOV. 2, 2011

Reported: SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	62.5	pCi/L	4.1667

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10634	04-AUG-11		62.5		2.60000000	pCi/L					62.5

## IP 24-Hour Oral Exceedance MTAL Report

Thursday, October 6, 2011

**Permitted Feature:** S006

**SMA:** S-SMA-3.6

**Associated Site(s):** 60-007(b)

**Station:** SS12255

**Collected:** JUL. 28, 2011

**Processed:** OCT. 6, 2011

**Oral Report:** OCT. 6, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10680	40.5	ug/L	.5	4.3	9.4186			

## IP 24-Hour Oral Exceedance MTAL Report

Thursday, October 6, 2011

**Permitted Feature:** S006

**SMA:** S-SMA-3.6

**Associated Site(s):** 60-007(b)

**Station:** SS12255

**Collected:** JUL. 28, 2011

**Processed:** OCT. 6, 2011

**Oral Report:** OCT. 6, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10680	147	ug/L	20	42	3.5			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** S006

**SMA:** S-SMA-3.6

**Associated Site(s):** 60-007(b)

**Station:** SS12255

**Collected:** AUG. 13, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10681	10.9	ug/L	.5	4.3	2.5349			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** S006

**SMA:** S-SMA-3.6

**Associated Site(s):** 60-007(b)

**Station:** SS12255

**Collected:** AUG. 13, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10681	70.7	ug/L	20	42	1.6833			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S011

**SMA:** S-SMA-4.1

**Associated Site(s):** 53-014

**Station:** SS101623

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 3, 2011

**Reported:** NOV. 3, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0019	ug/L	2.9541

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10662	02-AUG-11		.000974	.0000208		ug/L					.001
WT_IPSAN-11-10663	01-SEP-11		.00367			ug/L					.0019

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10688	1470	ug/L	2.5	750	1.96		J+	I6b



**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, November 1, 2011

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10688	8.6	ug/L	.5	4.3	2			

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, November 1, 2011

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**Collected:** AUG. 19, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPSAN-11-10689	6.1	ug/L	.5	4.3	1.4186			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
GENERAL CHEMISTRY	CN(WAD)	Cyanide, weak acid dissociable

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.01	.0052	.0102	mg/L	1.9544

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10690	30-JUL-11		.0179	.0015		mg/L					.0179
WT_IPSAN-11-10691	19-AUG-11		.00577	.0015		mg/L	H	J-	I9		.0102

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	2307.2451	pCi/L	153.8163

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10690	30-JUL-11		6140		290	pCi/L					6140
WT_IPSAN-11-10691	19-AUG-11		867		18	pCi/L					2307.2451

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 7, 2011

**Reported:** NOV. 7, 2011

Suite	Analyte	Analyte Description
PCBCONGENE	1336-36-3	Total PCB
RS		

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	2.1953	ug/L	3430.2124

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10690	30-JUL-11		4.59	.000211		ug/L					4.59
WT_IPSAN-11-10691	19-AUG-11		1.05			ug/L					2.1953

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** S016

**SMA:** S-SMA-6

**Associated Site(s):** 72-001

**Station:** SS1248

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 1, 2011      **Stage :** M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
RAD	Ra-226+228	Radium-226 and Radium-228

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	30	31.5011	pCi/L	1.05

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPSAN-11-10690	30-JUL-11		44.3		2.38000000	pCi/L				44.3	
WT_IPSAN-11-10691	19-AUG-11		22.4		1.37000000	pCi/L				31.5011	

## IP 24-Hour Oral Exceedance MTAL Report

Thursday, October 27, 2011

**Permitted Feature:** C002

**SMA:** CDB-SMA-0.25

**Associated Site(s):** 46-004(c2)

**Station:** SS091311

**Collected:** SEP. 1, 2011

**Processed:** OCT. 27, 2011

**Oral Report:** OCT. 27, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10939	2310	ug/L	2.5	750	3.08			

## IP 24-Hour Oral Exceedance MTAL Report

Thursday, October 27, 2011

**Permitted Feature:** C002

**SMA:** CDB-SMA-0.25

**Associated Site(s):** 46-004(c2)

**Station:** SS091311

**Collected:** SEP. 1, 2011

**Processed:** OCT. 27, 2011

**Oral Report:** OCT. 27, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10939	11.2	ug/L	.5	4.3	2.6047			



## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** C002

**SMA:** CDB-SMA-0.25

**Associated Site(s):** 46-004(c2), 46-004(e2)

**Station:** SS091311

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 1, 2011      **Stage :** M12

**Processed:** NOV. 4, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0063	ug/L	9.9219

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10941	01-SEP-11		.00635			ug/L		NQ	NQ	.0064	.0063

## IP 24-Hour Oral Exceedance MTAL Report

Friday, March 9, 2012

**Permitted Feature:** C004

**SMA:** CDB-SMA-1

**Associated Site(s):** 46-003(c), 46-004(d2), 46-004(f), 46-004(t), 46-004(w), 46-008(g), 46-009(a), C-46-001

**Station:** SS2185

**Collected:** SEP. 7, 2011

**Processed:** OCT. 27, 2011

**Oral Report:** OCT. 27, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10855	1120	ug/L	2.5	750	1.4933			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, March 9, 2012

**Permitted Feature:** C004

**SMA:** CDB-SMA-1

**Associated Site(s):** 46-003(c), 46-004(d2), 46-004(f), 46-004(t), 46-004(w), 46-008(g), 46-009(a), C-46-001

**Station:** SS2185

**Collected:** SEP. 7, 2011

**Processed:** OCT. 27, 2011

**Oral Report:** OCT. 27, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10855	8	ug/L	.5	4.3	1.8605			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** C004

**SMA:** CDB-SMA-1

**Associated Site(s):** 46-003(c), 46-004(d2), 46-004(f), 46-004(t), 46-004(w), 46-008(g), 46-009(a), C-46-001

**Station:** SS2185

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      Stage : M18

**Processed:** NOV. 4, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0233	ug/L	36.4063

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10857	07-SEP-11		.0233			ug/L					.0233

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** C004

**SMA:** CDB-SMA-1

**Associated Site(s):** 46-003(c), 46-004(d2), 46-004(f), 46-004(t), 46-004(w), 46-008(g), 46-009(a), C-46-001

**Station:** SS2185

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	15.2	pCi/L	1.0133

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10857	07-SEP-11		15.2		3.30000000	pCi/L					15.2

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** M001

**SMA:** M-SMA-1

**Associated Site(s):** 03-050(a), 03-054(e)

**Station:** SS198

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 1, 2011      **Stage :** M12

**Processed:** NOV. 3, 2011

**Reported:** NOV. 3, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.046	ug/L	71.8261

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10861	19-AUG-11		.0752			ug/L	NQ	NQ		.0752	.0752
WT_IPMOR-11-10862	07-SEP-11		.0281			ug/L	NQ	NQ		.0281	.046

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** M001

**SMA:** M-SMA-1

**Associated Site(s):** 03-050(a), 03-054(e)

**Station:** SS198

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 1, 2011      **Stage :** M12

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	25.1694	pCi/L	1.678

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10861	19-AUG-11		35		2.5	pCi/L	NQ	NQ		35	35
WT_IPMOR-11-10862	07-SEP-11		18.1		3	pCi/L	NQ	NQ		18.1	25.1694

## IP 24-Hour Oral Exceedance MTAL Report

Friday, November 4, 2011

**Permitted Feature:** M002B

**SMA:** M-SMA-1.22

**Associated Site(s):** 03-045(h)

**Station:** SS091228

**Collected:** SEP. 15, 2011

**Processed:** NOV. 4, 2011

**Oral Report:** NOV. 4, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10967	904	ug/L	2.5	750	1.2053			



## IP 24-Hour Oral Exceedance MTAL Report

Friday, November 4, 2011

**Permitted Feature:** M002B

**SMA:** M-SMA-1.22

**Associated Site(s):** 03-045(h)

**Station:** SS091228

**Collected:** SEP. 15, 2011

**Processed:** NOV. 4, 2011

**Oral Report:** NOV. 4, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10967	6	ug/L	.5	4.3	1.3953			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, October 14, 2011

**Permitted Feature:** M006

**SMA:** M-SMA-4

**Associated Site(s):** 48-001, 48-005, 48-007(a), 48-007(d), 48-010

**Station:** SS1987

**Collected:** AUG. 19, 2011

**Processed:** OCT. 14, 2011

**Oral Report:** OCT. 14, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10899	6	ug/L	.5	4.3	1.3953			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** M006

**SMA:** M-SMA-4

**Associated Site(s):** 48-001, 48-005, 48-007(a), 48-007(d), 48-010

**Station:** SS1987

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 23, 2011      **Stage :** M12

**Processed:** NOV. 2, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
PCBCONGENE	1336-36-3	Total PCB
RS		

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0578	ug/L	90.3125

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10901	19-AUG-11		.0578			ug/L		NQ	NQ	.0578	.0578

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** M006

**SMA:** M-SMA-4

**Associated Site(s):** 48-001, 48-005, 48-007(a), 48-007(d), 48-010

**Station:** SS1987

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 23, 2011 Stage : M12

**Processed:** NOV. 2, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
RAD	Ra-226+228	Radium-226 and Radium-228

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	30	70.3	pCi/L	2.3433

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10901	19-AUG-11		70.3		1.87	pCi/L		NQ	NQ	70.3	70.3

**IP 24-Hour Oral Exceedance MTAL Report**

Wednesday, October 19, 2011

**Permitted Feature:** M012A

**SMA:** M-SMA-10.01

**Associated Site(s):** 35-016(e)

**Station:** SS091229

**Collected:** AUG. 27, 2011

**Processed:** OCT. 19, 2011

**Oral Report:** OCT. 19, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-13866	16	ug/L	.5	4.3	3.7209			

## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, November 9, 2011

**Permitted Feature:** M012A

**SMA:** M-SMA-10.01

**Associated Site(s):** 35-016(e)

**Station:** SS091229

**Collected:** SEP. 15, 2011

**Processed:** NOV. 9, 2011

**Oral Report:** NOV. 9, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-13868	6.5	ug/L	.5	4.3	1.5116			

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, November 1, 2011

**Permitted Feature:** M013

**SMA:** M-SMA-10.3

**Associated Site(s):** 35-014(e2), 35-016(i)

**Station:** SS20025

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS                      Al                      Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-11027	2500	ug/L	2.5	750	3.3333			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** M013

**SMA:** M-SMA-10.3

**Associated Site(s):** 35-014(e2), 35-016(i)

**Station:** SS20025

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-11027	4.7	ug/L	.5	4.3	1.093			



## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** M013

**SMA:** M-SMA-10.3

**Associated Site(s):** 35-014(e2), 35-016(i)

**Station:** SS20025

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-11027	55	ug/L	20	42	1.3095			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** M013

**SMA:** M-SMA-10.3

**Associated Site(s):** 35-014(e2), 35-016(i)

**Station:** SS20025

**Collected:** AUG. 19, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-11028	873	ug/L	2.5	750	1.164	N	J+	I6b

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** M013

**SMA:** M-SMA-10.3

**Associated Site(s):** 35-014(e2), 35-016(i)

**Station:** SS20025

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 23, 2011      **Stage :** M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0043	ug/L	6.7341

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-11029	30-JUL-11		.00188	.0000214		ug/L					.0019
WT_IPMOR-11-11030	19-AUG-11		.00988			ug/L					.0043

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** T002

**SMA:** T-SMA-1

**Associated Site(s):** 50-006(a), 50-009

**Station:** SS093713

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10983	21.2	ug/L	.5	4.3	4.9302			

# IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** T002

**SMA:** T-SMA-1

**Associated Site(s):** 50-006(a), 50-009

**Station:** SS093713

**Collected:** JUL. 30, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10983	324	ug/L	20	42	7.7143			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** T002

**SMA:** T-SMA-1

**Associated Site(s):** 50-006(a), 50-009

**Station:** SS093713

**Collected:** AUG. 15, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10984	12.6	ug/L	.5	4.3	2.9302			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** T002

**SMA:** T-SMA-1

**Associated Site(s):** 50-006(a), 50-009

**Station:** SS093713

**Collected:** AUG. 15, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPMOR-11-10984	103	ug/L	20	42	2.4524			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** T002

**SMA:** T-SMA-1

**Associated Site(s):** 50-006(a), 50-009

**Station:** SS093713

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 20, 2011      Stage : M18

**Processed:** OCT. 24, 2011

**Reported:** OCT. 24, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0284	ug/L	44.3376

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPMOR-11-10985	30-JUL-11		.0132	.000021		ug/L					.0132
WT_IPMOR-11-10986	15-AUG-11		.061			ug/L					.0284



## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, October 19, 2011

**Permitted Feature:** E001

**SMA:** 2M-SMA-1

**Associated Site(s):** 03-010(a)

**Station:** SS2432

**Collected:** AUG. 20, 2011

**Processed:** OCT. 19, 2011

**Oral Report:** OCT. 19, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11032	1200	ug/L	2.5	750	1.6	N*	J+	I6b

## IP 24-Hour Oral Exceedance MTAL Report

Monday, October 17, 2011

**Permitted Feature:** E002

**SMA:** 2M-SMA-1.42

**Associated Site(s):** 06-001(a)

**Station:** SS093203

**Collected:** AUG. 21, 2011

**Processed:** OCT. 17, 2011

**Oral Report:** OCT. 17, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11087	794	ug/L	2.5	750	1.0587	E		

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** E002

**SMA:** 2M-SMA-1.42

**Associated Site(s):** 06-001(a)

**Station:** SS093203

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 17, 2011      **Stage :** M18

**Processed:** NOV. 14, 2011

**Reported:** NOV. 14, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	19.9195	pCi/L	1.328

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11089	21-AUG-11		51.8		2.20000000	pCi/L					51.8
WT_IPPAJ-11-11090	15-SEP-11		7.66		2.10000000	pCi/L					19.9195

## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, October 19, 2011

**Permitted Feature:** E004

**SMA:** 2M-SMA-1.44

**Associated Site(s):** 06-001(b)

**Station:** SS093205

**Collected:** AUG. 21, 2011

**Processed:** OCT. 19, 2011

**Oral Report:** OCT. 19, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11091	31.5	ug/L	.5	4.3	7.3256			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** E004

**SMA:** 2M-SMA-1.44

**Associated Site(s):** 06-001(b)

**Station:** SS093205

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	21.1	pCi/L	1.4067

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11093	21-AUG-11		21.1		3	pCi/L					21.1

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** E005

**SMA:** 2M-SMA-1.45

**Associated Site(s):** 06-006

**Station:** SS103215

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	398	pCi/L	26.5333

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11201	07-SEP-11		398		20	pCi/L					398

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** E007

**SMA:** 2M-SMA-1.65

**Associated Site(s):** 40-005

**Station:** SS093209

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	220	pCi/L	14.6667

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11097	21-AUG-11		220		13	pCi/L				220	

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, November 1, 2011

**Permitted Feature:** E009

**SMA:** 2M-SMA-1.7

**Associated Site(s):** 03-055(a)

**Station:** SS2438

**Collected:** AUG. 3, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11039	11.4	ug/L	.5	4.3	2.6512			



## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** E010

**SMA:** 2M-SMA-1.8

**Associated Site(s):** 03-001(k)

**Station:** SS103217

**Collected:** AUG. 4, 2011

**Processed:** SEP. 27, 2011

**Oral Report:** SEP. 27, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11207	13.2	ug/L	.5	4.3	3.0698			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** E010

**SMA:** 2M-SMA-1.8

**Associated Site(s):** 03-001(k)

**Station:** SS103217

**Collected:** AUG. 4, 2011

**Processed:** SEP. 27, 2011

**Oral Report:** SEP. 27, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11207	71.8	ug/L	20	42	1.7095			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, November 4, 2011

**Permitted Feature:** E010

**SMA:** 2M-SMA-1.8

**Associated Site(s):** 03-001(k)

**Station:** SS103217

**Collected:** SEP. 9, 2011

**Processed:** NOV. 4, 2011

**Oral Report:** NOV. 4, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11208	6.6	ug/L	.5	4.3	1.5349			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** E012

**SMA:** 2M-SMA-2

**Associated Site(s):** 03-050(d), 03-054(b)

**Station:** SS103219

**Collected:** JUL. 28, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11227	14.9	ug/L	.5	4.3	3.4651			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** E012

**SMA:** 2M-SMA-2

**Associated Site(s):** 03-050(d), 03-054(b)

**Station:** SS103219

**Collected:** JUL. 28, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11227	140	ug/L	20	42	3.3333		J	I4a

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, November 1, 2011

**Permitted Feature:** E012

**SMA:** 2M-SMA-2

**Associated Site(s):** 03-050(d), 03-054(b)

**Station:** SS103219

**Collected:** SEP. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11228	5.5	ug/L	.5	4.3	1.2791			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** E012

**SMA:** 2M-SMA-2

**Associated Site(s):** 03-050(d), 03-054(b)

**Station:** SS103219

**Collected:** SEP. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11228	72.3	ug/L	20	42	1.7214			

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** E012

**SMA:** 2M-SMA-2

**Associated Site(s):** 03-050(d), 03-054(b)

**Station:** SS103219

**ATAL Calc Period:** NOV. 1, 2010 through NOV. 2, 2011      **Stage :** M18

**Processed:** NOV. 4, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0652	ug/L	101.875

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11230	04-SEP-11		.0652			ug/L					.0652



## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** E013

**SMA:** 2M-SMA-2.2

**Associated Site(s):** 03-003(k)

**Station:** SS093214

**Collected:** AUG. 13, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11147	16.4	ug/L	.5	4.3	3.814			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** E013

**SMA:** 2M-SMA-2.2

**Associated Site(s):** 03-003(k)

**Station:** SS093214

**Collected:** AUG. 13, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11147	97.2	ug/L	20	42	2.3143			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** E013

**SMA:** 2M-SMA-2.2

**Associated Site(s):** 03-003(k)

**Station:** SS093214

**Collected:** SEP. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11148	10.1	ug/L	.5	4.3	2.3488			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** E013

**SMA:** 2M-SMA-2.2

**Associated Site(s):** 03-003(k)

**Station:** SS093214

**Collected:** SEP. 4, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11148	90.1	ug/L	20	42	2.1452			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** E013

**SMA:** 2M-SMA-2.2

**Associated Site(s):** 03-003(k)

**Station:** SS093214

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 2, 2011      **Stage :** M12

**Processed:** NOV. 7, 2011

**Reported:** NOV. 7, 2011

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0085	ug/L	13.2687

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11149	13-AUG-11		.00707	.0000212		ug/L	NQ	NQ		.0071	.0071
WT_IPPAJ-11-11150	04-SEP-11		.0102			ug/L	NQ	NQ		.0102	.0085

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** J003

**SMA:** PJ-SMA-3.05

**Associated Site(s):** 09-004(o)

**Station:** SS092326

**Collected:** AUG. 19, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
GENINORG	CN(WAD)	Cyanide, weak acid dissociable

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11141	.0274	mg/L	.01	.022	1.2455	H	J-	I9a

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** J003

**SMA:** PJ-SMA-3.05

**Associated Site(s):** 09-004(o)

**Station:** SS092326

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
GENERAL CHEMISTRY	CN(WAD)	Cyanide, weak acid dissociable

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.01	.0052	.0274	mg/L	5.2692

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11141	19-AUG-11		.0274	.0015		mg/L	H	J-	I9a		.0274

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** J003

**SMA:** PJ-SMA-3.05

**Associated Site(s):** 09-004(o)

**Station:** SS092326

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	65.9	pCi/L	4.3933

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11141	19-AUG-11		65.9		3	pCi/L					65.9



**IP 24-Hour Oral Exceedance MTAL Report**

Wednesday, October 19, 2011

**Permitted Feature:** J006

**SMA:** PJ-SMA-5.1

**Associated Site(s):** 22-016

**Station:** SS092306

**Collected:** AUG. 21, 2011

**Processed:** OCT. 19, 2011

**Oral Report:** OCT. 19, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11127	8.2	ug/L	.5	4.3	1.907			

## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, October 19, 2011

**Permitted Feature:** J006

**SMA:** PJ-SMA-5.1

**Associated Site(s):** 22-016

**Station:** SS092306

**Collected:** AUG. 21, 2011

**Processed:** OCT. 19, 2011

**Oral Report:** OCT. 19, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11127	50.6	ug/L	20	42	1.2048			

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

Permitted Feature: J006

SMA: PJ-SMA-5.1

Associated Site(s): 22-016

Station: SS092306

ATAL Calc Period: NOV. 1, 2010 through OCT. 30, 2011 Stage : M18

Processed: NOV. 1, 2011

Reported: NOV. 1, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	40.8705	pCi/L	2.7247

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11129	21-AUG-11		38.4		5	pCi/L					38.4
WT_IPPAJ-11-11130	07-SEP-11		43.5		3.20000000	pCi/L					40.8705

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** J016

**SMA:** PJ-SMA-13.7

**Associated Site(s):** 18-010(b)

**Station:** SS102336

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	52.6	pCi/L	3.5067

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11197	01-SEP-11		52.6		6.70000000	pCi/L					52.6

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** J027

**SMA:** PJ-SMA-20

**Associated Site(s):** 54-017

**Station:** SS092332

**Collected:** JUL. 29, 2011

**Processed:** SEP. 27, 2011

**Oral Report:** SEP. 27, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11179	8.1	ug/L	.5	4.3	1.8837			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** J028

**SMA:** STRM-SMA-1.05

**Associated Site(s):** 08-009(f)

**Station:** SS093001

**Collected:** AUG. 5, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11151	5.7	ug/L	.5	4.3	1.3256			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 18, 2011

**Permitted Feature:** J028

**SMA:** STRM-SMA-1.05

**Associated Site(s):** 08-009(f)

**Station:** SS093001

**Collected:** AUG. 26, 2011

**Processed:** OCT. 18, 2011

**Oral Report:** OCT. 18, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11152	6.9	ug/L	.5	4.3	1.6047			

## IP 24-Hour Oral Exceedance MTAL Report

Monday, November 14, 2011

**Permitted Feature:** J030

**SMA:** STRM-SMA-4.2

**Associated Site(s):** 09-008(b)

**Station:** SS093006

**Collected:** SEP. 9, 2011

**Processed:** NOV. 14, 2011

**Oral Report:** NOV. 14, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11132	2330	ug/L	2.5	750	3.1067			



## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 18, 2011

**Permitted Feature:** J031

**SMA:** STRM-SMA-5.05

**Associated Site(s):** 09-013

**Station:** SS093002

**Collected:** AUG. 21, 2011

**Processed:** OCT. 18, 2011

**Oral Report:** OCT. 18, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPPAJ-11-11155	1170	ug/L	2.5	750	1.56	EN	J+	I6b

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** J031

**SMA:** STRM-SMA-5.05

**Associated Site(s):** 09-013

**Station:** SS093002

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 23, 2011 Stage : M12

**Processed:** NOV. 2, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
PCBCONGENE	1336-36-3	Total PCB
RS		

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0067	ug/L	10.4531

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11157	21-AUG-11		.00669			ug/L		NQ	NQ	.0067	.0067

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 10, 2013

**Permitted Feature:** J031

**SMA:** STRM-SMA-5.05

**Associated Site(s):** 09-013

**Station:** SS093002

**ATAL Calc Period:** DEC. 1, 2010 through OCT. 23, 2011      Stage : M12

**Processed:** NOV. 2, 2011

**Reported:** NOV. 21, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	24.5	pCi/L	1.6333

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPPAJ-11-11157	21-AUG-11		24.5		2.30000000	pCi/L		NQ	NQ	24.5	24.5

## IP 24-Hour Oral Exceedance ATAL Report

Wednesday, May 22, 2013

**Permitted Feature:** V004

**SMA:** CDV-SMA-1.45

**Associated Site(s):** 16-026(i)

**Station:** SS090406

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 21, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	17.8	pCi/L	1.1867

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11305	21-AUG-11		17.8		3	pCi/L					17.8

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** V008

**SMA:** CDV-SMA-2.41

**Associated Site(s):** 16-018

**Station:** SS090407

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 21, 2012

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0241	ug/L	37.6562

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11281	21-AUG-11		.0241			ug/L					.0241

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** V008

**SMA:** CDV-SMA-2.41

**Associated Site(s):** 16-018

**Station:** SS090407

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 21, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	231	pCi/L	15.4

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11281	21-AUG-11		231		17	pCi/L					231

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** V010

**SMA:** CDV-SMA-3

**Associated Site(s):** 14-009

**Station:** SS25605

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	33.4	pCi/L	2.2267

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11261	21-AUG-11		33.4		3.30000000	pCi/L				33.4	33.4

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 18, 2011

**Permitted Feature:** V012A

**SMA:** CDV-SMA-6.02

**Associated Site(s):** 14-002(d), 14-002(e)

**Station:** SS090411

**Collected:** AUG. 13, 2011

**Processed:** OCT. 18, 2011

**Oral Report:** OCT. 18, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11295	29.3	ug/L	.5	4.3	6.814			



## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** V012A

**SMA:** CDV-SMA-6.02

**Associated Site(s):** 14-002(d), 14-002(e)

**Station:** SS090411

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11296	28.1	ug/L	.5	4.3	6.5349			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** V012A

**SMA:** CDV-SMA-6.02

**Associated Site(s):** 14-002(d), 14-002(e)

**Station:** SS090411

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Hg	Mercury

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11298	1.6	ug/L	.005	1.4	1.1429			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** V012A

**SMA:** CDV-SMA-6.02

**Associated Site(s):** (14-002(c)), 14-002(d), 14-002(e)

**Station:** SS090411

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 30, 2011      Stage : M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	171.0351	pCi/L	11.4023

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11297	13-AUG-11		199		5	pCi/L					199
WT_IPWAT-11-11298	01-SEP-11		147		5.20000000	pCi/L					171.0351

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** V012A

**SMA:** CDV-SMA-6.02

**Associated Site(s):** (14-002(c)), 14-002(d), 14-002(e)

**Station:** SS090411

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 30, 2011      Stage : M18

**Processed:** NOV. 1, 2011

**Reported:** NOV. 1, 2011

Suite	Analyte	Analyte Description
INORGANIC	Hg	Mercury

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.005	.77	1.2329	ug/L	1.6011

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11297	13-AUG-11		.95	.066		ug/L				.95	
WT_IPWAT-11-11298	01-SEP-11		1.6	.066		ug/L				1.2329	

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, October 11, 2011

**Permitted Feature:** F001

**SMA:** F-SMA-2

**Associated Site(s):** 36-004(c)

**Station:** SS092401

**Collected:** AUG. 15, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
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METALS                      Al                      Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11401	866	ug/L	2.5	750	1.1547			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 11, 2011

**Permitted Feature:** F001

**SMA:** F-SMA-2

**Associated Site(s):** 36-004(c)

**Station:** SS092401

**Collected:** AUG. 15, 2011

**Processed:** OCT. 11, 2011

**Oral Report:** OCT. 11, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11401	72.5	ug/L	.5	4.3	16.8605	E		

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** F001

**SMA:** F-SMA-2

**Associated Site(s):** 36-004(c)

**Station:** SS092401

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	140	pCi/L	9.3333

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11403	15-AUG-11		140		2.40000000	pCi/L				140	140

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** I001

**SMA:** PT-SMA-0.5

**Associated Site(s):** 15-009(e), C-15-004

**Station:** SS26565

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11337	1380	ug/L	2.5	750	1.84		J+	I6b



**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, November 1, 2011

**Permitted Feature:** I001

**SMA:** PT-SMA-0.5

**Associated Site(s):** 15-009(e), C-15-004

**Station:** SS26565

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11337	6.5	ug/L	.5	4.3	1.5116			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** I001

**SMA:** PT-SMA-0.5

**Associated Site(s):** 15-009(e), C-15-004

**Station:** SS26565

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	79.5	pCi/L	5.3

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11339	01-SEP-11		79.5		3	pCi/L					79.5

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** I002

**SMA:** PT-SMA-1

**Associated Site(s):** 15-004(f), 15-008(a)

**Station:** SS2657

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11341	6550	ug/L	2.5	750	8.7333		J+	I6b

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** I002

**SMA:** PT-SMA-1

**Associated Site(s):** 15-004(f), 15-008(a)

**Station:** SS2657

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11341	174	ug/L	.5	4.3	40.4651			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** I002

**SMA:** PT-SMA-1

**Associated Site(s):** 15-004(f), 15-008(a)

**Station:** SS2657

**Collected:** SEP. 1, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11341	75.9	ug/L	20	42	1.8071			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** I002

**SMA:** PT-SMA-1

**Associated Site(s):** 15-004(f), 15-008(a)

**Station:** SS2657

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 28, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	104	pCi/L	6.9333

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11343	01-SEP-11		104		2.90000000	pCi/L				104	104

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** I004A

**SMA:** PT-SMA-2.01

**Associated Site(s):** C-36-001, C-36-006(e)

**Station:** SS094814

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	295	pCi/L	19.6667

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11423	18-AUG-11		295		18	pCi/L					295

## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, November 9, 2011

**Permitted Feature:** W001

**SMA:** W-SMA-1

**Associated Site(s):** 16-017(j)-99, 16-026(c2), 16-026(v)

**Station:** SS25203

**Collected:** AUG. 3, 2011

**Processed:** NOV. 9, 2011

**Oral Report:** NOV. 9, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11349	918	ug/L	2.5	750	1.224			



## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, November 9, 2011

**Permitted Feature:** W001

**SMA:** W-SMA-1

**Associated Site(s):** 16-017(j)-99, 16-026(c2), 16-026(v)

**Station:** SS25203

**Collected:** SEP. 9, 2011

**Processed:** NOV. 9, 2011

**Oral Report:** NOV. 9, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11350	1410	ug/L	2.5	750	1.88	N	J+	I6b

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** W001

**SMA:** W-SMA-1

**Associated Site(s):** 16-017(j)-99, 16-026(c2), 16-026(v)

**Station:** SS25203

**ATAL Calc Period:** DEC. 1, 2010 through NOV. 10, 2011 Stage : M12

**Processed:** NOV. 9, 2011

**Reported:** NOV. 9, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	18.5404	pCi/L	1.236

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11351	03-AUG-11		50.7		2.90000000	pCi/L	NQ	NQ		50.7	50.7
WT_IPWAT-11-11352	09-SEP-11		6.78		4.4	pCi/L	NQ	NQ		6.78	18.5404

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** W002

**SMA:** W-SMA-1.5

**Associated Site(s):** 16-026(b2), 16-028(d)

**Station:** SS103928

**Collected:** SEP. 1, 2011

**Processed:** NOV. 9, 2011

**Oral Report:** NOV. 9, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11450	9.7	ug/L	.5	4.3	2.2558			

## IP 24-Hour Oral Exceedance MTAL Report

Friday, May 3, 2013

**Permitted Feature:** W002

**SMA:** W-SMA-1.5

**Associated Site(s):** 16-026(b2), 16-028(d)

**Station:** SS103928

**Collected:** AUG. 3, 2011

**Processed:** SEP. 29, 2011

**Oral Report:** SEP. 29, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11449	49.3	ug/L	20	42	1.1738			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 18, 2011

**Permitted Feature:** W003

**SMA:** W-SMA-2.05

**Associated Site(s):** 16-028(e)

**Station:** SS093903

**Collected:** AUG. 21, 2011

**Processed:** OCT. 18, 2011

**Oral Report:** OCT. 18, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11409	1240	ug/L	2.5	750	1.6533			

# IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** W012A

**SMA:** W-SMA-8.71

**Associated Site(s):** 16-004(c)

**Station:** SS093912

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012 Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	15.8	pCi/L	1.0533

## Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11415	21-AUG-11		15.8		2.5	pCi/L					15.8

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, October 18, 2011

**Permitted Feature:** W017

**SMA:** W-SMA-9.9

**Associated Site(s):** 11-006(b)

**Station:** SS103934

**Collected:** AUG. 21, 2011

**Processed:** OCT. 18, 2011

**Oral Report:** OCT. 18, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11445	962	ug/L	2.5	750	1.2827			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** W017

**SMA:** W-SMA-9.9

**Associated Site(s):** 11-006(b)

**Station:** SS103934

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	95.9	pCi/L	6.3933

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11447	21-AUG-11		95.9		4.60000000	pCi/L				95.9	95.9



## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** W018

**SMA:** W-SMA-10

**Associated Site(s):** 11-002, 11-003(b), 11-005(a), 11-005(b), 11-006(c), 11-006(d), 11-011(d)

**Station:** SS25245

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	106	pCi/L	7.0667

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11355	21-AUG-11		106		4.30000000	pCi/L				106	106

## IP 24-Hour Oral Exceedance MTAL Report

Thursday, October 27, 2011

**Permitted Feature:** W019

**SMA:** W-SMA-11.7

**Associated Site(s):** 49-008(c)

**Station:** SS103935

**Collected:** SEP. 1, 2011

**Processed:** OCT. 27, 2011

**Oral Report:** OCT. 27, 2011

Suite	Analyte	Analyte Description
METALS	Al	Aluminum

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-13851	1020	ug/L	2.5	750	1.36			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** W019

**SMA:** W-SMA-11.7

**Associated Site(s):** 49-008(c)

**Station:** SS103935

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	38.1	pCi/L	2.54

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-13849	01-SEP-11		38.1		3.10000000	pCi/L				38.1	38.1

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** W021

**SMA:** W-SMA-14.1

**Associated Site(s):** 15-004(h), 15-014(l)

**Station:** SS103936

**Collected:** JUL. 25, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
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METALS	Cu	Copper
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Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11453	42.6	ug/L	.5	4.3	9.907			

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** W021

**SMA:** W-SMA-14.1

**Associated Site(s):** 15-004(h), 15-014(l)

**Station:** SS103936

**Collected:** JUL. 25, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Zn	Zinc

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11453	55.9	ug/L	20	42	1.331			

**IP 24-Hour Oral Exceedance MTAL Report**

Tuesday, October 18, 2011

**Permitted Feature:** W021

**SMA:** W-SMA-14.1

**Associated Site(s):** 15-004(h), 15-014(l)

**Station:** SS103936

**Collected:** AUG. 18, 2011

**Processed:** OCT. 18, 2011

**Oral Report:** OCT. 18, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPWAT-11-11454	20	ug/L	.5	4.3	4.6512			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** W022

**SMA:** W-SMA-15.1

**Associated Site(s):** 49-005(a)

**Station:** SS093927

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      **Stage :** M18

**Processed:** NOV. 2, 2011

**Reported:** FEB. 20, 2013

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	33.2	pCi/L	2.2133

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPWAT-11-11375	01-SEP-11		33.2		2.90000000	pCi/L				33.2	33.2

## IP 24-Hour Oral Exceedance MTAL Report

Tuesday, November 1, 2011

**Permitted Feature:** A004

**SMA:** A-SMA-2.7

**Associated Site(s):** 39-002(c), 39-008

**Station:** SS090205

**Collected:** JUL. 24, 2011

**Processed:** NOV. 1, 2011

**Oral Report:** NOV. 1, 2011

Suite	Analyte	Analyte Description
METALS	Cu	Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPANC-11-11573	6.2	ug/L	.5	4.3	1.4419		J	I4a



**IP 24-Hour Oral Exceedance MTAL Report**

Friday, October 28, 2011

**Permitted Feature:** A004

**SMA:** A-SMA-2.7

**Associated Site(s):** 39-002(c), 39-008

**Station:** SS090205

**Collected:** SEP. 4, 2011

**Processed:** OCT. 28, 2011

**Oral Report:** OCT. 28, 2011

Suite	Analyte	Analyte Description
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METALS                      Cu                      Copper

Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPANC-11-11574	5.4	ug/L	.5	4.3	1.2558			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** A004

**SMA:** A-SMA-2.7

**Associated Site(s):** 39-002(c), 39-008

**Station:** SS090205

**ATAL Calc Period:** NOV. 1, 2010 through OCT. 1, 2011      **Stage :** M18

**Processed:** OCT. 28, 2011

**Reported:** OCT. 28, 2011

Suite	Analyte	Analyte Description
RAD	GROSSA	Gross alpha

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
0	15	28.4204	pCi/L	1.8947

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPANC-11-11575	24-JUL-11		31.8		2.90000000	pCi/L					31.8
WT_IPANC-11-11576	04-SEP-11		25.4		3	pCi/L					28.4204

## IP 24-Hour Oral Exceedance MTAL Report

Wednesday, October 19, 2011

**Permitted Feature:** Q002A

**SMA:** CHQ-SMA-1.02

**Associated Site(s):** 33-004(h), 33-008(c), 33-011(d), 33-015

**Station:** SS090613

**Collected:** AUG. 21, 2011

**Processed:** OCT. 19, 2011

**Oral Report:** OCT. 19, 2011

Suite	Analyte	Analyte Description
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METALS	Cu	Copper
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Sample ID	Std Result	UOM	MQL	MTAL	Std Result /TAL Ratio	Lab Qual	Concat Flag	Concat Reason
WT_IPCHA-11-11537	8	ug/L	.5	4.3	1.8605			

## IP 24-Hour Oral Exceedance ATAL Report

Friday, May 31, 2013

**Permitted Feature:** Q002A

**SMA:** CHQ-SMA-1.02

**Associated Site(s):** 33-004(h), 33-008(c), 33-011(d), 33-015

**Station:** SS090613

**ATAL Calc Period:** NOV. 1, 2010 through APR. 30, 2012      Stage : M18

**Processed:** NOV. 2, 2011

**Reported:** SEP. 10, 2012

Suite	Analyte	Analyte Description
PCBCONGENE RS	1336-36-3	Total PCB

MQL	ATAL	Geomean	UOM	Geomean/TAL Ratio
.00064	.00064	.0092	ug/L	14.4062

### Geomean Details

Sample ID	Collected	Sym- bol	Std Result	Std MDL	Std MDA	Result UOM	Lab Qual	Concat Flag	Concat Reason	Value Used For GeoMean Calc	Running Geomean
WT_IPCHA-11-11539	21-AUG-11		.00922			ug/L					.0092