

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : January 9, 2013

LOCATION ID	LOCATION DESCRIPTION	1/9/2013 CURRENT WORKING LEVEL	12/5/2012 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.006	0.002	
2R	Between Precip Cells & Eluent Tanks	0.009	0.002	
3R	Between IX Columns & Injection Tanks	0.008	0.001	
4R	Between IX Columns & Resin Transfer Tank	0.010	0.004	
5R	Between IX Columns & Column Drain Tank	0.010	0.003	
6R	Between IX Column Trains	0.013	0.003	
7R	Between Precip Cells & Raw Water Tank	0.002	0.001	
8R	Motor Control Room	0.001	0.001	
9R	Lab	0.003	0.004	
10R	Lunchroom	0.001	0.000	
11R	R. O. Building	0.003	0.003	
12R	Down Flow Column Area	0.003	0.002	
13R-E	Pond Treatment Room-East Bay	0.007	0.002	
13R-M	Pond Treatment Room-Middle Bay	0.006	0.001	
13R-W	Pond Treatment Room-West Bay	0.008	0.004	
14S	R.O. Building South Addition	0.004		
	Plant Average:	0.007	0.002	

Barometric Pressure: 31.54

Wind: SW @ 7

Weather Conditions: Partly Cloudy

Plant Operations: Belt Filter Running Bicarb
mixing

All prisms were green throughout the entirety of sampling

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : February 6, 2013

LOCATION ID	LOCATION DESCRIPTION	2/6/2013 CURRENT WORKING LEVEL	1/9/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.010	0.006	
2R	Between Precip Cells & Eluent Tanks	0.009	0.009	
3R	Between IX Columns & Injection Tanks	0.007	0.008	
4R	Between IX Columns & Resin Transfer Tank	0.009	0.010	
5R	Between IX Columns & Column Drain Tank	0.012	0.010	
6R	Between IX Column Trains	0.009	0.013	
7R	Between Precip Cells & Raw Water Tank	0.007	0.002	
8R	Motor Control Room	0.005	0.001	
9R	Lab	0.002	0.003	
10R	Lunchroom	0.002	0.001	
11R	R. O. Building	0.029	0.003	
12R	Down Flow Column Area	0.008	0.003	
13R-E	Pond Treatment Room-East Bay	0.010	0.007	
13R-M	Pond Treatment Room-Middle Bay	0.009	0.006	
13R-W	Pond Treatment Room-West Bay	0.008	0.008	
14S	R.O. Building South Addition	0.009	0.004	
	Plant Average:	0.009	0.007	

Barometric Pressure: 31.25

Wind: Calm

Weather Conditions: Clear

Plant Operations: Acid to PPT-B

Prisms were green during sampling, R.O. prism was yellow then went to green (change R.O. Filters)

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : March 13, 2013

LOCATION ID	LOCATION DESCRIPTION	3/13/2013 CURRENT WORKING LEVEL	2/6/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.023	0.010	
2R	Between Precip Cells & Eluent Tanks	0.012	0.009	
3R	Between IX Columns & Injection Tanks	0.011	0.007	
4R	Between IX Columns & Resin Transfer Tank	0.008	0.009	
5R	Between IX Columns & Column Drain Tank	0.010	0.012	
6R	Between IX Column Trains	0.008	0.009	
7R	Between Precip Cells & Raw Water Tank	0.031	0.007	
8R	Motor Control Room	0.002	0.005	
9R	Lab	0.002	0.002	
10R	Lunchroom	0.001	0.002	
11R	R. O. Building	0.003	0.029	
12R	Down Flow Column Area	0.004	0.008	
13R-E	Pond Treatment Room-East Bay	0.013	0.010	
13R-M	Pond Treatment Room-Middle Bay	0.013	0.009	
13R-W	Pond Treatment Room-West Bay	0.011	0.008	
14S	R.O. Building South Addition	0.003	0.009	
	Plant Average:	0.012	0.009	

Barometric Pressure: 31.51

Wind: SW @ 6mph

Weather Conditions: Partly Cloudy

Plant Operations: PPT-C to the Thickner

Prisms were green during sampling

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : April 24, 2013

LOCATION ID	LOCATION DESCRIPTION	4/24/2013 CURRENT WORKING LEVEL	3/13/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.005	0.023	
2R	Between Precip Cells & Eluent Tanks	0.006	0.012	
3R	Between IX Columns & Injection Tanks	0.008	0.011	
4R	Between IX Columns & Resin Transfer Tank	0.010	0.008	
5R	Between IX Columns & Column Drain Tank	0.008	0.010	
6R	Between IX Column Trains	0.008	0.008	
7R	Between Precip Cells & Raw Water Tank	0.005	0.031	
8R	Motor Control Room	0.001	0.002	
9R	Lab	0.009	0.002	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.001	0.003	
12R	Down Flow Column Area	0.003	0.004	
13R-E	Pond Treatment Room-East Bay	0.008	0.013	
13R-M	Pond Treatment Room-Middle Bay	0.009	0.013	
13R-W	Pond Treatment Room-West Bay	0.006	0.011	
14S	R.O. Building South Addition	0.002	0.003	
	Plant Average:	0.006	0.012	

Barometric Pressure: 31.10

Wind: W@2mph

Weather Conditions: Clear

Plant Operations: Making Bicarb

Prisms were green during sampling

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : May 22, 2013

LOCATION ID	LOCATION DESCRIPTION	5/22/2013 CURRENT WORKING LEVEL	4/24/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.009	0.005	
2R	Between Precip Cells & Eluent Tanks	0.010	0.006	
3R	Between IX Columns & Injection Tanks	0.007	0.008	
4R	Between IX Columns & Resin Transfer Tank	0.004	0.010	
5R	Between IX Columns & Column Drain Tank	0.004	0.008	
6R	Between IX Column Trains	0.005	0.008	
7R	Between Precip Cells & Raw Water Tank	0.006	0.005	
8R	Motor Control Room	0.001	0.001	
9R	Lab	0.002	0.009	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.028	0.001	
12R	Down Flow Column Area	0.001	0.003	
13R-E	Pond Treatment Room-East Bay	0.009	0.008	
13R-M	Pond Treatment Room-Middle Bay	0.006	0.009	
13R-W	Pond Treatment Room-West Bay	0.005	0.006	
14S	R.O. Building South Addition	0.027	0.002	
	Plant Average:	0.006	0.006	

Barometric Pressure: 30.06

Wind: SW@5mph

Weather Conditions: Cloudy

Plant Operations: Sending Bicarb to thickner

Prisms were green during sampling

**Other: The door to the Resin trailer area was
partially open the rest were closed.**

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : June 12, 2013

LOCATION ID	LOCATION DESCRIPTION	6/12/2013 CURRENT WORKING LEVEL	5/22/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.004	0.009	
2R	Between Precip Cells & Eluent Tanks	0.001	0.010	
3R	Between IX Columns & Injection Tanks	0.007	0.007	
4R	Between IX Columns & Resin Transfer Tank	0.010	0.004	
5R	Between IX Columns & Column Drain Tank	0.012	0.004	
6R	Between IX Column Trains	0.010	0.005	
7R	Between Precip Cells & Raw Water Tank	0.002	0.006	
8R	Motor Control Room	0.002	0.001	
9R	Lab	0.005	0.002	
10R	Lunchroom	0.007	0.001	
11R	R. O. Building	0.002	0.028	
12R	Down Flow Column Area	0.002	0.001	
13R-E	Pond Treatment Room-East Bay	0.005	0.009	
13R-M	Pond Treatment Room-Middle Bay	0.007	0.006	
13R-W	Pond Treatment Room-West Bay	0.008	0.005	
14S	R.O. Building South Addition	0.003	0.027	
	Plant Average:	0.006	0.006	

Barometric Pressure: 30.06

Wind: SW@5mph

Weather Conditions: Cloudy

Plant Operations: Decanting brown slurry to ppt-c

Prisms were green during sampling

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : July 17, 2013

LOCATION ID	LOCATION DESCRIPTION	7/17/2013 CURRENT WORKING LEVEL	6/12/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.002	0.004	
2R	Between Precip Cells & Eluent Tanks	0.004	0.001	
3R	Between IX Columns & Injection Tanks	0.005	0.007	
4R	Between IX Columns & Resin Transfer Tank	0.006	0.010	
5R	Between IX Columns & Column Drain Tank	0.005	0.012	
6R	Between IX Column Trains	0.003	0.010	
7R	Between Precip Cells & Raw Water Tank	0.005	0.002	
8R	Motor Control Room	0.001	0.002	
9R	Lab	0.003	0.005	
10R	Lunchroom	0.001	0.007	
11R	R. O. Building	0.002	0.002	
12R	Down Flow Column Area	0.002	0.002	
13R-E	Pond Treatment Room-East Bay	0.005	0.005	
13R-M	Pond Treatment Room-Middle Bay	0.003	0.007	
13R-W	Pond Treatment Room-West Bay	0.004	0.008	
14S	R.O. Building South Addition	0.001	0.003	
	Plant Average:	0.004	0.006	

Barometric Pressure: 30.10

Wind: S@9mph

Weather Conditions: Clear

Plant Operations: Belt On, Acid PPT-C

Prisms were green during sampling

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : August 21, 2013

LOCATION ID	LOCATION DESCRIPTION	8/21/2013 CURRENT WORKING LEVEL	7/17/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.023	0.004	
2R	Between Precip Cells & Eluent Tanks	0.018	0.001	
3R	Between IX Columns & Injection Tanks	0.010	0.007	
4R	Between IX Columns & Resin Transfer Tank	0.010	0.010	
5R	Between IX Columns & Column Drain Tank	0.010	0.012	
6R	Between IX Column Trains	0.009	0.010	
7R	Between Precip Cells & Raw Water Tank	0.022	0.002	
8R	Motor Control Room	0.004	0.002	
9R	Lab	0.005	0.005	
10R	Lunchroom	0.002	0.007	
11R	R. O. Building	0.009	0.002	
12R	Down Flow Column Area	0.008	0.002	
13R-E	Pond Treatment Room-East Bay	0.013	0.005	
13R-M	Pond Treatment Room-Middle Bay	0.013	0.007	
13R-W	Pond Treatment Room-West Bay	0.010	0.008	
14S	R.O. Building South Addition	0.005	0.003	
	Plant Average:	0.013	0.006	

Barometric Pressure: 29.90

Wind: SW @ 6mph

Weather Conditions: Cloudy

Plant Operations: H2O2 to PPT-C

Prisms were green during sampling

Other: The door to the Resin trailer area was partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : September 11, 2013

LOCATION ID	LOCATION DESCRIPTION	9/11/2013 CURRENT WORKING LEVEL	8/21/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.008	0.023	
2R	Between Precip Cells & Eluent Tanks	0.007	0.018	
3R	Between IX Columns & Injection Tanks	0.012	0.010	
4R	Between IX Columns & Resin Transfer Tank	0.021	0.010	
5R	Between IX Columns & Column Drain Tank	0.017	0.010	
6R	Between IX Column Trains	0.015	0.009	
7R	Between Precip Cells & Raw Water Tank	0.017	0.022	
8R	Motor Control Room	0.002	0.004	
9R	Lab	0.004	0.005	
10R	Lunchroom	0.004	0.002	
11R	R. O. Building	0.003	0.009	
12R	Down Flow Column Area	0.003	0.008	
13R-E	Pond Treatment Room-East Bay	0.015	0.013	
13R-M	Pond Treatment Room-Middle Bay	0.016	0.013	
13R-W	Pond Treatment Room-West Bay	0.008	0.010	
14S	R.O. Building South Addition	0.003	0.005	
	Plant Average:	0.012	0.013	

Barometric Pressure: 30.01

Wind: SW@2mph

Weather Conditions: Clear

Plant Operations: PPT-B to thickner, acid in PPT-C

Prisms were green during sampling

Other: The door to the Resin trailer area was
partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : October 9, 2013

LOCATION ID	LOCATION DESCRIPTION	10/9/2013 CURRENT WORKING LEVEL	9/11/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.011	0.008	
2R	Between Precip Cells & Eluent Tanks	0.006	0.007	
3R	Between IX Columns & Injection Tanks	0.010	0.012	
4R	Between IX Columns & Resin Transfer Tank	0.012	0.021	
5R	Between IX Columns & Column Drain Tank	0.013	0.017	
6R	Between IX Column Trains	0.019	0.015	
7R	Between Precip Cells & Raw Water Tank	0.006	0.017	
8R	Motor Control Room	0.003	0.002	
9R	Lab	0.005	0.004	
10R	Lunchroom	0.002	0.004	
11R	R. O. Building	0.007	0.003	
12R	Down Flow Column Area	0.005	0.003	
13R-E	Pond Treatment Room-East Bay	0.010	0.015	
13R-M	Pond Treatment Room-Middle Bay	0.012	0.016	
13R-W	Pond Treatment Room-West Bay	0.009	0.008	
14S	R.O. Building South Addition	0.005	0.003	
	Plant Average:	0.010	0.012	

Barometric Pressure: 29.85

Wind: W @ 4mph

Weather Conditions: Partly Cloudy

Plant Operations: DF-5 in Elution, Belt Filter On,

Acid to ppt-B, Filling IX-7

Prisms were green during sampling

Other: The door to drum storage area was partially open the rest were closed.

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : November 13, 2013

LOCATION ID	LOCATION DESCRIPTION	11/13/2013 CURRENT WORKING LEVEL	10/9/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.012	0.011	
2R	Between Precip Cells & Eluent Tanks	0.010	0.006	
3R	Between IX Columns & Injection Tanks	0.015	0.010	
4R	Between IX Columns & Resin Transfer Tank	0.016	0.012	
5R	Between IX Columns & Column Drain Tank	0.013	0.013	
6R	Between IX Column Trains	0.012	0.019	
7R	Between Precip Cells & Raw Water Tank	0.007	0.006	
8R	Motor Control Room	0.006	0.003	
9R	Lab	0.008	0.005	
10R	Lunchroom	0.009	0.002	
11R	R. O. Building	0.003	0.007	
12R	Down Flow Column Area	0.005	0.005	
13R-E	Pond Treatment Room-East Bay	0.013	0.010	
13R-M	Pond Treatment Room-Middle Bay	0.007	0.012	
13R-W	Pond Treatment Room-West Bay	0.016	0.009	
14S	R.O. Building South Addition	0.001	0.005	
	Plant Average:	0.011	0.010	

Barometric Pressure: 30.16

Wind: Calm

Weather Conditions: Clear

Plant Operations: Belt ON

Acid to PPT-A

Prisms were green during sampling

Other: All doors were closed

CROW BUTTE PROJECT
SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : December 18, 2013

LOCATION ID	LOCATION DESCRIPTION	12/18/2013 CURRENT WORKING LEVEL	11/13/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.009	0.012	
2R	Between Precip Cells & Eluent Tanks	0.006	0.010	
3R	Between IX Columns & Injection Tanks	0.006	0.015	
4R	Between IX Columns & Resin Transfer Tank	0.009	0.016	
5R	Between IX Columns & Column Drain Tank	0.009	0.013	
6R	Between IX Column Trains	0.010	0.012	
7R	Between Precip Cells & Raw Water Tank	0.007	0.007	
8R	Motor Control Room	0.006	0.006	
9R	Lab	0.011	0.008	
10R	Lunchroom	0.008	0.009	
11R	R. O. Building	0.002	0.003	
12R	Down Flow Column Area	0.003	0.005	
13R-E	Pond Treatment Room-East Bay	0.010	0.013	
13R-M	Pond Treatment Room-Middle Bay	0.009	0.007	
13R-W	Pond Treatment Room-West Bay	0.007	0.016	
14S	R.O. Building South Addition	0.003	0.001	
	Plant Average:	0.008	0.011	

Barometric Pressure: 29.88

Wind: SE @ 6mph

Weather Conditions: Cloudy

Plant Operations: No Significant Operations

Prisms were green during sampling

Other: All doors were closed

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 1/15/2014 (mm/dd/yyyy)

LOCATION ID	LOCATION DESCRIPTION	1/15/2014 CURRENT WORKING LEVEL	12/18/2013 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.009	0.009	
2R	Between Precip Cells & Eluent Tanks	0.011	0.006	
3R	Between IX Columns & Injection Tanks	0.006	0.006	
4R	Between IX Columns & Resin Transfer Tank	0.005	0.009	
5R	Between IX Columns & Column Drain Tank	0.008	0.009	
6R	Between IX Column Trains	0.010	0.010	
7R	Between Precip Cells & Raw Water Tank	0.008	0.007	
8R	Motor Control Room	0.002	0.006	
9R	Lab	0.003	0.011	
10R	Lunchroom	0.001	0.008	
11R	R. O. Building	0.007	0.002	
12R	Down Flow Column Area	0.004	0.003	
13R-E	Pond Treatment Room-East Bay	0.007	0.010	
13R-M	Pond Treatment Room-Middle Bay	0.008	0.009	
13R-W	Pond Treatment Room-West Bay	0.007	0.007	
14S	R.O. Building South Addition	0.005	0.003	
Plant Average:		0.007	0.008	

Barometric Pressure: 30.16

Wind: W@17mph

Weather Conditions: Clear

Plant Operations: Acid to ppt-o, bicarb to barren

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 2/12/2014

LOCATION ID	LOCATION DESCRIPTION	2/12/2014 CURRENT WORKING LEVEL	1/15/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.011	0.009	
2R	Between Precip Cells & Eluent Tanks	0.010	0.011	
3R	Between IX Columns & Injection Tanks	0.010	0.006	
4R	Between IX Columns & Resin Transfer Tank	0.012	0.005	
5R	Between IX Columns & Column Drain Tank	0.010	0.008	
6R	Between IX Column Trains	0.010	0.010	
7R	Between Precip Cells & Raw Water Tank	0.012	0.008	
8R	Motor Control Room	0.001	0.002	
9R	Lab	0.001	0.003	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.002	0.007	
12R	Down Flow Column Area	0.003	0.004	
13R-E	Pond Treatment Room-East Bay	0.008	0.007	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.008	
13R-W	Pond Treatment Room-West Bay	0.009	0.007	
14S	R.O. Building South Addition	0.002	0.005	
Plant Average:		0.009	0.007	

Barometric Pressure: 30.10

Wind: SW @ 7mph

Weather Conditions: Clear

Plant Operations: Filling IX-2 with tail water, Preg in IX-8,

Precip C Transferring to the Thickener

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 3/26/2014

LOCATION ID	LOCATION DESCRIPTION	3/26/2014 CURRENT WORKING LEVEL	2/12/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.015	0.011	
2R	Between Precip Cells & Eluent Tanks	0.012	0.010	
3R	Between IX Columns & Injection Tanks	0.010	0.010	
4R	Between IX Columns & Resin Transfer Tank	0.008	0.012	
5R	Between IX Columns & Column Drain Tank	0.011	0.010	
6R	Between IX Column Trains	0.008	0.010	
7R	Between Precip Cells & Raw Water Tank	0.008	0.012	
8R	Motor Control Room	0.004	0.001	
9R	Lab	0.003	0.001	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.004	0.002	
12R	Down Flow Column Area	0.007	0.003	
13R-E	Pond Treatment Room-East Bay	0.016	0.008	
13R-M	Pond Treatment Room-Middle Bay	0.016	0.010	
13R-W	Pond Treatment Room-West Bay	0.012	0.009	
14S	R.O. Building South Addition	0.004	0.002	
	Plant Average:	0.011	0.009	

Barometric Pressure: 30.08

Wind: S@9mph

Weather Conditions: Clear

Plant Operations: Filling IX-5 with tail water,

Belt Filter ON

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 4/23/2014

LOCATION ID	LOCATION DESCRIPTION	4/23/2014 CURRENT WORKING LEVEL	3/26/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.005	0.015	
2R	Between Precip Cells & Eluent Tanks	0.004	0.012	
3R	Between IX Columns & Injection Tanks	0.006	0.010	
4R	Between IX Columns & Resin Transfer Tank	0.005	0.008	
5R	Between IX Columns & Column Drain Tank	0.006	0.011	
6R	Between IX Column Trains	0.006	0.008	
7R	Between Precip Cells & Raw Water Tank	0.008	0.008	
8R	Motor Control Room	0.002	0.004	
9R	Lab	0.004	0.003	
10R	Lunchroom	0.003	0.001	
11R	R. O. Building	0.007	0.004	
12R	Down Flow Column Area	0.003	0.007	
13R-E	Pond Treatment Room-East Bay	0.006	0.016	
13R-M	Pond Treatment Room-Middle Bay	0.008	0.016	
13R-W	Pond Treatment Room-West Bay	0.007	0.012	
14S	R.O. Building South Addition	0.004	0.004	
Plant Average:		0.006	0.011	

Barometric Pressure: 29.91

Wind: calm

Weather Conditions: cloudy

Plant Operations: Making bicarb

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 5/21/2014

LOCATION ID	LOCATION DESCRIPTION	5/21/2014 CURRENT WORKING LEVEL	4/23/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.013	0.005	
2R	Between Precip Cells & Eluent Tanks	0.010	0.004	
3R	Between IX Columns & Injection Tanks	0.014	0.006	
4R	Between IX Columns & Resin Transfer Tank	0.011	0.005	
5R	Between IX Columns & Column Drain Tank	0.009	0.006	
6R	Between IX Column Trains	0.010	0.006	
7R	Between Precip Cells & Raw Water Tank	0.012	0.008	
8R	Motor Control Room	0.009	0.002	
9R	Lab	0.004	0.004	
10R	Lunchroom	0.005	0.003	
11R	R. O. Building	0.002	0.007	
12R	Down Flow Column Area	0.006	0.003	
13R-E	Pond Treatment Room-East Bay	0.011	0.006	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.008	
13R-W	Pond Treatment Room-West Bay	0.011	0.007	
14S	R.O. Building South Addition	0.001	0.004	
	Plant Average:	0.011	0.006	

Barometric Pressure: 29.91

Wind: calm

Weather Conditions: cloudy

Plant Operations: Acid to ppt-B

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 6/11/2014

LOCATION ID	LOCATION DESCRIPTION	6/11/2014 CURRENT WORKING LEVEL	5/21/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.010	0.005	
2R	Between Precip Cells & Eluent Tanks	0.018	0.004	
3R	Between IX Columns & Injection Tanks	0.017	0.006	
4R	Between IX Columns & Resin Transfer Tank	0.015	0.005	
5R	Between IX Columns & Column Drain Tank	0.016	0.006	
6R	Between IX Column Trains	0.013	0.006	
7R	Between Precip Cells & Raw Water Tank	0.007	0.008	
8R	Motor Control Room	0.004	0.002	
9R	Lab	0.009	0.004	
10R	Lunchroom	0.002	0.003	
11R	R. O. Building	0.002	0.007	
12R	Down Flow Column Area	0.019	0.003	
13R-E	Pond Treatment Room-East Bay	0.020	0.006	
13R-M	Pond Treatment Room-Middle Bay	0.022	0.008	
13R-W	Pond Treatment Room-West Bay	0.024	0.007	
14S	R.O. Building South Addition	0.002	0.004	
	Plant Average:	0.015	0.006	

Barometric Pressure: 29.91

Wind: calm

Weather Conditions: Foggy

Plant Operations: Brown Slurry to TW#2

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 7/9/2014

LOCATION ID	LOCATION DESCRIPTION	7/9/2014 CURRENT WORKING LEVEL	6/11/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.017	0.010	
2R	Between Precip Cells & Eluent Tanks	0.020	0.018	
3R	Between IX Columns & Injection Tanks	0.015	0.017	
4R	Between IX Columns & Resin Transfer Tank	0.019	0.015	
5R	Between IX Columns & Column Drain Tank	0.017	0.016	
6R	Between IX Column Trains	0.011	0.013	
7R	Between Precip Cells & Raw Water Tank	0.027	0.007	
8R	Motor Control Room	0.004	0.004	
9R	Lab	0.012	0.009	
10R	Lunchroom	0.012	0.002	
11R	R. O. Building	0.002	0.002	
12R	Down Flow Column Area	0.012	0.019	
13R-E	Pond Treatment Room-East Bay	0.022	0.020	
13R-M	Pond Treatment Room-Middle Bay	0.025	0.022	
13R-W	Pond Treatment Room-West Bay	0.025	0.024	
14S	R.O. Building South Addition	0.001	0.002	
	Plant Average:	0.018	0.015	

Barometric Pressure: 30.06

Wind: NE @ 5 mph

Weather Conditions: Mostly Sunny

Plant Operations: Pumping Preg to Precip

Started a Batch of Bicarb

Comments:

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 8/13/2014

LOCATION ID	LOCATION DESCRIPTION	8/13/2014 CURRENT WORKING LEVEL	7/9/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.003	0.017	
2R	Between Precip Cells & Eluent Tanks	0.002	0.020	
3R	Between IX Columns & Injection Tanks	0.005	0.015	
4R	Between IX Columns & Resin Transfer Tank	0.009	0.019	
5R	Between IX Columns & Column Drain Tank	0.004	0.017	
6R	Between IX Column Trains	0.007	0.011	
7R	Between Precip Cells & Raw Water Tank	0.000	0.027	
8R	Motor Control Room	0.001	0.004	
9R	Lab	0.008	0.012	
10R	Lunchroom	0.003	0.012	
11R	R. O. Building	0.004	0.002	
12R	Down Flow Column Area	0.003	0.012	
13R-E	Pond Treatment Room-East Bay	0.004	0.022	
13R-M	Pond Treatment Room-Middle Bay	0.007	0.025	
13R-W	Pond Treatment Room-West Bay	0.007	0.025	
14S	R.O. Building South Addition	0.002	0.001	
Plant Average:		0.004	0.018	

Barometric Pressure: 30.01

Wind: S @ 10mph

Weather Conditions: Clear

Plant Operations: Sending Acid to Precip B

Comments: The door to the drum storage area was half open due to mechanical issues

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 9/24/2014

LOCATION ID	LOCATION DESCRIPTION	9/24/2014 CURRENT WORKING LEVEL	8/13/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.005	0.003	
2R	Between Precip Cells & Eluent Tanks	0.006	0.002	
3R	Between IX Columns & Injection Tanks	0.010	0.005	
4R	Between IX Columns & Resin Transfer Tank	0.011	0.009	
5R	Between IX Columns & Column Drain Tank	0.011	0.004	
6R	Between IX Column Trains	0.013	0.007	
7R	Between Precip Cells & Raw Water Tank	0.007	0.000	
8R	Motor Control Room	0.006	0.001	
9R	Lab	0.013	0.008	
10R	Lunchroom	0.011	0.003	
11R	R. O. Building	0.003	0.004	
12R	Down Flow Column Area	0.004	0.003	
13R-E	Pond Treatment Room-East Bay	0.013	0.004	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.007	
13R-W	Pond Treatment Room-West Bay	0.012	0.007	
14S	R.O. Building South Addition	0.005	0.002	
Plant Average:		0.009	0.004	

Barometric Pressure: 30.16

Wind: SE @ 5 mph

Weather Conditions: Partly Cloudy

Plant Operations: Sending Acid to Precip B, Belt Filter On,

Intermediate in IX-8

Comments: The door to the Resin Trailer area was partially open.

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 10/8/2014

LOCATION ID	LOCATION DESCRIPTION	10/8/2014 CURRENT WORKING LEVEL	9/24/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.000	0.005	
2R	Between Precip Cells & Eluent Tanks	0.000	0.006	
3R	Between IX Columns & Injection Tanks	0.000	0.010	
4R	Between IX Columns & Resin Transfer Tank	0.000	0.011	
5R	Between IX Columns & Column Drain Tank	0.001	0.011	
6R	Between IX Column Trains	0.001	0.013	
7R	Between Precip Cells & Raw Water Tank	0.001	0.007	
8R	Motor Control Room	0.001	0.006	
9R	Lab	0.001	0.013	
10R	Lunchroom	0.001	0.011	
11R	R. O. Building	0.003	0.003	
12R	Down Flow Column Area	0.001	0.004	
13R-E	Pond Treatment Room-East Bay	0.001	0.013	
13R-M	Pond Treatment Room-Middle Bay	0.001	0.010	
13R-W	Pond Treatment Room-West Bay	0.001	0.012	
14S	R.O. Building South Addition	0.001	0.005	
	Plant Average:	0.001	0.009	

Barometric Pressure: 30.18

Wind: S @ 9mph

Weather Conditions: Partly Cloudy

Plant Operations: Acid in Precip B, Filling IX- 1 with tail water.

Comments: All doors were open with the exception of the pond water treatment area.

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 11/19/2014

LOCATION ID	LOCATION DESCRIPTION	11/19/2014 CURRENT WORKING LEVEL	10/8/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.010	0.000	
2R	Between Precip Cells & Eluent Tanks	0.004	0.000	
3R	Between IX Columns & Injection Tanks	0.011	0.000	
4R	Between IX Columns & Resin Transfer Tank	0.010	0.000	
5R	Between IX Columns & Column Drain Tank	0.013	0.001	
6R	Between IX Column Trains	0.018	0.001	
7R	Between Precip Cells & Raw Water Tank	0.007	0.001	
8R	Motor Control Room	0.002	0.001	
9R	Lab	0.001	0.001	
10R	Lunchroom	0.000	0.001	
11R	R. O. Building	0.002	0.003	
12R	Down Flow Column Area	0.007	0.001	
13R-E	Pond Treatment Room-East Bay	0.006	0.001	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.001	
13R-W	Pond Treatment Room-West Bay	0.014	0.001	
14S	R.O. Building South Addition	0.001	0.001	
	Plant Average:	0.009	0.001	

Barometric Pressure: 30.18

Wind: S @ 9mph

Weather Conditions: Clear

Plant Operations: Barren in IX-7

Bicarb to storage, PWT to PPTb

Comments: All doors were open with the exception of the pond water treatment area.

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 12/17/2014

LOCATION ID	LOCATION DESCRIPTION	12/17/2014 CURRENT WORKING LEVEL	11/19/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.013	0.010	
2R	Between Precip Cells & Eluent Tanks	0.010	0.004	
3R	Between IX Columns & Injection Tanks	0.026	0.011	
4R	Between IX Columns & Resin Transfer Tank	0.026	0.010	
5R	Between IX Columns & Column Drain Tank	0.024	0.013	
6R	Between IX Column Trains	0.025	0.018	
7R	Between Precip Cells & Raw Water Tank	0.012	0.007	
8R	Motor Control Room	0.002	0.002	
9R	Lab	0.008	0.001	
10R	Lunchroom	0.007	0.000	
11R	R. O. Building	0.006	0.002	
12R	Down Flow Column Area	0.009	0.007	
13R-E	Pond Treatment Room-East Bay	0.019	0.006	
13R-M	Pond Treatment Room-Middle Bay	0.024	0.010	
13R-W	Pond Treatment Room-West Bay	0.023	0.014	
14S	R.O. Building South Addition	0.007	0.001	
	Plant Average:	0.018	0.009	

Barometric Pressure: 30.18

Wind: SW @ 3mph

Weather Conditions: Clear

Plant Operations: No significant operations

Comments: All doors were open with the exception of the pond water treatment area.

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 1/28/2015

LOCATION ID	LOCATION DESCRIPTION	1/28/2015 CURRENT WORKING LEVEL	12/17/2014 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.005	0.013	
2R	Between Precip Cells & Eluent Tanks	0.000	0.010	
3R	Between IX Columns & Injection Tanks	0.006	0.026	
4R	Between IX Columns & Resin Transfer Tank	0.008	0.026	
5R	Between IX Columns & Column Drain Tank	0.009	0.024	
6R	Between IX Column Trains	0.007	0.025	
7R	Between Precip Cells & Raw Water Tank	0.001	0.012	
8R	Motor Control Room	0.000	0.002	
9R	Lab	0.001	0.008	
10R	Lunchroom	0.000	0.007	
11R	R. O. Building	0.007	0.006	
12R	Down Flow Column Area	0.000	0.009	
13R-E	Pond Treatment Room-East Bay	0.006	0.019	
13R-M	Pond Treatment Room-Middle Bay	0.003	0.024	
13R-W	Pond Treatment Room-West Bay	0.007	0.023	
14S	R.O. Building South Addition	0.010	0.007	
	Plant Average:	0.004	0.018	

Barometric Pressure: 30.06

Wind: W @ 4mph

Weather Conditions: Partly Cloudy

Plant Operations: PPT-B to the Thickner, Filling IX-8 with tail water.

Comments: All doors were closed

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 2/18/2015

LOCATION ID	LOCATION DESCRIPTION	2/18/2015 CURRENT WORKING LEVEL	1/28/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.009	0.005	
2R	Between Precip Cells & Eluent Tanks	0.005	0.000	
3R	Between IX Columns & Injection Tanks	0.006	0.006	
4R	Between IX Columns & Resin Transfer Tank	0.008	0.008	
5R	Between IX Columns & Column Drain Tank	0.009	0.009	
6R	Between IX Column Trains	0.012	0.007	
7R	Between Precip Cells & Raw Water Tank	0.008	0.001	
8R	Motor Control Room	0.001	0.000	
9R	Lab	0.002	0.001	
10R	Lunchroom	0.001	0.000	
11R	R. O. Building	0.004	0.007	
12R	Down Flow Column Area	0.004	0.000	
13R-E	Pond Treatment Room-East Bay	0.011	0.006	
13R-M	Pond Treatment Room-Middle Bay	0.008	0.003	
13R-W	Pond Treatment Room-West Bay	0.009	0.007	
14S	R.O. Building South Addition	0.003	0.010	
	Plant Average:	0.008	0.004	

Barometric Pressure: 30.06

Wind: North @ 7mph

Weather Conditions: Partly Cloudy

Plant Operations:

Comments: All doors were closed

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 3/26/2015

LOCATION ID	LOCATION DESCRIPTION	3/26/2015 CURRENT WORKING LEVEL	2/18/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.007	0.009	
2R	Between Precip Cells & Eluent Tanks	0.007	0.005	
3R	Between IX Columns & Injection Tanks	0.009	0.006	
4R	Between IX Columns & Resin Transfer Tank	0.015	0.008	
5R	Between IX Columns & Column Drain Tank	0.013	0.009	
6R	Between IX Column Trains	0.010	0.012	
7R	Between Precip Cells & Raw Water Tank	0.006	0.008	
8R	Motor Control Room	0.004	0.001	
9R	Lab	0.013	0.002	
10R	Lunchroom	0.011	0.001	
11R	R. O. Building	0.002	0.004	
12R	Down Flow Column Area	0.003	0.004	
13R-E	Pond Treatment Room-East Bay	0.012	0.011	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.008	
13R-W	Pond Treatment Room-West Bay	0.011	0.009	
14S	R.O. Building South Addition	0.003	0.003	
	Plant Average:	0.009	0.008	

Barometric Pressure: 29.95

Wind: Light and Variable

Weather Conditions: Partly Cloudy

Plant Operations: Filling IX-1, PPT-C to the Thickner

Comments: All doors were closed

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 4/27/2015

LOCATION ID	LOCATION DESCRIPTION	4/27/2015 CURRENT WORKING LEVEL	3/26/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.008	0.007	
2R	Between Precip Cells & Eluent Tanks	0.007	0.007	
3R	Between IX Columns & Injection Tanks	0.009	0.009	
4R	Between IX Columns & Resin Transfer Tank	0.013	0.015	
5R	Between IX Columns & Column Drain Tank	0.010	0.013	
6R	Between IX Column Trains	0.013	0.010	
7R	Between Precip Cells & Raw Water Tank	0.006	0.006	
8R	Motor Control Room	0.002	0.004	
9R	Lab	0.005	0.013	
10R	Lunchroom	0.003	0.011	
11R	R. O. Building	0.006	0.002	
12R	Down Flow Column Area	0.003	0.003	
13R-E	Pond Treatment Room-East Bay	0.011	0.012	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.010	
13R-W	Pond Treatment Room-West Bay	0.012	0.011	
14S	R.O. Building South Addition	0.004	0.003	
	Plant Average:	0.009	0.009	

Barometric Pressure: 29.97

Wind: SE @ 3mph

Weather Conditions: Mostly Cloudy

Plant Operations: Acid to Precip B

Comments: All doors were closed

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 5/27/2015

LOCATION ID	LOCATION DESCRIPTION	5/27/2015 CURRENT WORKING LEVEL	4/27/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.004	0.008	
2R	Between Precip Cells & Eluent Tanks	0.002	0.007	
3R	Between IX Columns & Injection Tanks	0.009	0.009	
4R	Between IX Columns & Resin Transfer Tank	0.017	0.013	
5R	Between IX Columns & Column Drain Tank	0.066	0.010	
6R	Between IX Column Trains	0.024	0.013	
7R	Between Precip Cells & Raw Water Tank	0.001	0.006	
8R	Motor Control Room	0.000	0.002	
9R	Lab	0.002	0.005	
10R	Lunchroom	0.001	0.003	
11R	R. O. Building	0.009	0.006	
12R	Down Flow Column Area	0.001	0.003	
13R-E	Pond Treatment Room-East Bay	0.016	0.011	
13R-M	Pond Treatment Room-Middle Bay	0.015	0.010	
13R-W	Pond Treatment Room-West Bay	0.015	0.012	
14S	R.O. Building South Addition	0.002	0.004	
	Plant Average:	0.014	0.009	

Barometric Pressure: 29.94

Wind: S @ 5mph

Weather Conditions: Partly Cloudy

Plant Operations: Belt Filter On

Comments: All doors were closed

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 6/10/2015

LOCATION ID	LOCATION DESCRIPTION	6/10/2015 CURRENT WORKING LEVEL	5/27/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.012	0.004	
2R	Between Precip Cells & Eluent Tanks	0.010	0.002	
3R	Between IX Columns & Injection Tanks	0.005	0.009	
4R	Between IX Columns & Resin Transfer Tank	0.006	0.017	
5R	Between IX Columns & Column Drain Tank	0.010	0.066	
6R	Between IX Column Trains	0.010	0.024	
7R	Between Precip Cells & Raw Water Tank	0.016	0.001	
8R	Motor Control Room	0.006	0.000	
9R	Lab	0.018	0.002	
10R	Lunchroom	0.008	0.001	
11R	R. O. Building	0.003	0.009	
12R	Down Flow Column Area	0.003	0.001	
13R-E	Pond Treatment Room-East Bay	0.014	0.016	
13R-M	Pond Treatment Room-Middle Bay	0.013	0.015	
13R-W	Pond Treatment Room-West Bay	0.011	0.015	
14S	R.O. Building South Addition	0.003	0.002	
	Plant Average:	0.010	0.014	

Barometric Pressure: 29.67

Wind: NE @ 6mph

Weather Conditions: Overcast

Plant Operations: No significant operations

Comments: Night shift Operators failed to close the plant doors prior to the survey.

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 7/22/2015

LOCATION ID	LOCATION DESCRIPTION	7/22/2015 CURRENT WORKING LEVEL	6/10/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.002	0.012	
2R	Between Precip Cells & Eluent Tanks	0.002	0.010	
3R	Between IX Columns & Injection Tanks	0.004	0.005	
4R	Between IX Columns & Resin Transfer Tank	0.012	0.006	
5R	Between IX Columns & Column Drain Tank	0.005	0.010	
6R	Between IX Column Trains	0.015	0.010	
7R	Between Precip Cells & Raw Water Tank	0.007	0.016	
8R	Motor Control Room	0.002	0.006	
9R	Lab	0.006	0.018	
10R	Lunchroom	0.001	0.008	
11R	R. O. Building	0.001	0.003	
12R	Down Flow Column Area	0.004	0.003	
13R-E	Pond Treatment Room-East Bay	0.007	0.014	
13R-M	Pond Treatment Room-Middle Bay	0.010	0.013	
13R-W	Pond Treatment Room-West Bay	0.007	0.011	
14S	R.O. Building South Addition	0.002	0.003	
	Plant Average:	0.006	0.010	

Barometric Pressure: 29.75

Wind: SW @ 2mph

Weather Conditions: Mostly Sunny

Plant Operations: Acid to Precip B

Comments: Plant Doors Were Closed During the Sampling

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 8/19/2015

LOCATION ID	LOCATION DESCRIPTION	8/19/2015 CURRENT WORKING LEVEL	7/22/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.013	0.002	
2R	Between Precip Cells & Eluent Tanks	0.005	0.002	
3R	Between IX Columns & Injection Tanks	0.005	0.004	
4R	Between IX Columns & Resin Transfer Tank	0.010	0.012	
5R	Between IX Columns & Column Drain Tank	0.009	0.005	
6R	Between IX Column Trains	0.011	0.015	
7R	Between Precip Cells & Raw Water Tank	0.004	0.007	
8R	Motor Control Room	0.002	0.002	
9R	Lab	0.008	0.006	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.003	0.001	
12R	Down Flow Column Area	0.005	0.004	
13R-E	Pond Treatment Room-East Bay	0.015	0.007	
13R-M	Pond Treatment Room-Middle Bay	0.013	0.010	
13R-W	Pond Treatment Room-West Bay	0.011	0.007	
14S	R.O. Building South Addition	0.002	0.002	
	Plant Average:	0.009	0.006	

Barometric Pressure: 30.09

Wind: W @ 5mph

Weather Conditions: Partly Cloudy

Plant Operations: Acid to Precip B

Intermediat Circulating in IX-6

Comments: Plant Doors Were Closed During the Sampling

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 9/23/2015

LOCATION ID	LOCATION DESCRIPTION	9/23/2015 CURRENT WORKING LEVEL	8/19/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.014	0.013	
2R	Between Precip Cells & Eluent Tanks	0.008	0.005	
3R	Between IX Columns & Injection Tanks	0.013	0.005	
4R	Between IX Columns & Resin Transfer Tank	0.016	0.010	
5R	Between IX Columns & Column Drain Tank	0.016	0.009	
6R	Between IX Column Trains	0.022	0.011	
7R	Between Precip Cells & Raw Water Tank	0.009	0.004	
8R	Motor Control Room	0.002	0.002	
9R	Lab	0.003	0.008	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.007	0.003	
12R	Down Flow Column Area	0.008	0.005	
13R-E	Pond Treatment Room-East Bay	0.014	0.015	
13R-M	Pond Treatment Room-Middle Bay	0.015	0.013	
13R-W	Pond Treatment Room-West Bay	0.015	0.011	
14S	R.O. Building South Addition	0.006	0.002	
	Plant Average:	0.013	0.009	

Barometric Pressure: 30.03

Wind: N @ 3mph

Weather Conditions: Cloudy/Rain

Plant Operations: Filling IX-5, PPT-B to the Thickener

Comments: Plant Doors Were Closed During the Sampling

SUMMARY OF RADON DAUGHTER SURVEYS

Survey Period : 10/28/2015

LOCATION ID	LOCATION DESCRIPTION	10/28/2015 CURRENT WORKING LEVEL	9/23/2015 PREVIOUS WORKING LEVEL	COMMENTS
1R	Between IX Columns & Precip Cells	0.006	0.013	
2R	Between Precip Cells & Eluent Tanks	0.006	0.005	
3R	Between IX Columns & Injection Tanks	0.008	0.005	
4R	Between IX Columns & Resin Transfer Tank	0.009	0.010	
5R	Between IX Columns & Column Drain Tank	0.009	0.009	
6R	Between IX Column Trains	0.007	0.011	
7R	Between Precip Cells & Raw Water Tank	0.008	0.004	
8R	Motor Control Room	0.002	0.002	
9R	Lab	0.004	0.008	
10R	Lunchroom	0.001	0.001	
11R	R. O. Building	0.006	0.003	
12R	Down Flow Column Area	0.002	0.005	
13R-E	Pond Treatment Room-East Bay	0.008	0.015	
13R-M	Pond Treatment Room-Middle Bay	0.006	0.013	
13R-W	Pond Treatment Room-West Bay	0.008	0.011	
14S	R.O. Building South Addition	0.007	0.002	
Plant Average:		0.007	0.009	

Barometric Pressure: 29.99

Wind: W @ 3mph

Weather Conditions: Cloudy

Plant Operations: PWT preg to storage tank,
PPT-C to the Thickener

Comments: Plant Doors Were Closed During the Sampling