Young Shire Council

Environment Protection License Mandatory Environmental Monitoring & Reporting ~ Groundwater, Bores, Ponds & Dams

Young Shire Council
Locked Bag 5, Young NSW 2594
(02) 6380 1200

EPL 5916 Victoria St Landfill		
	Premises:	Waste Management Facility Victoria Street Young 2594
	EPA Lic Link:	EPA License Link 5916

EPL 5915 Redhill Road Landfill		
	Premises:	Waste Management Facility Redhill Road Young 2594
	EPA Lic Link:	EPA License Link 5915

Notes:
Sampling and Reporting is required by both EPA Licenses **quarterly** (EPL005915 & EPL005916) these samples are taken in September, December, March, and June
Quarterly samples are sent for analysis in accordance with Licenses (EPL # 005915 and EPL 005916)
Analysis results will be posted within 28 days of receipt
Air and Land Pollution events that require reporting will be reported by incident within 28 days.

EPA License site: www.environment.nsw.gov.au/prpoeapp/

Vict St Young EPL 005916 Landfill Site	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Victoria St Bore # B1	Data Received		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # B1	Reporting Quarter		Sep-09	Dec-09	Mar-10	Jun-10	Sep-10	Dec-10	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	Jun-12	Sep-12	Dec-12	Mar-13	Jun-13
Analysis Ground Water	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	339	350	357	340	350	377	354	371	322	384	406	322	412	429	461	399
	Carb	mg/L	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hydrox	mg/L	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total	mg/L	339	350	357	340	350	377	354	371	322	384	406	322	412	429	461	399
Ammonia (asN)	Ammonia	mg/L N	0.03	0.08	0.03	0.01	0.08	0.01	0.01	0.06	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bio chemical oxygen demand	BOD	mg/L	2	2	2	2	2	6	2	2	2	2	2	2	3	2	2	2
Conductivity	SpC	uS/cm	2600	2500	2700	1900	2600	2200	1900	1900	1800	2400	2800	1800	2200	2000	2300	2200
Depth to water	Depth_to_water	m	12	12.07	11.83	10.93	11.11	10.2	10.89	10.93	10.93	11.03	10.75	10.93	10.7	10.9	11.36	11.36
Depth to sample	Sample Depth	m	12	12.07	11.84	11.01	11.11	10.27	10.89	11.01	10.93	11.01	10.75	10.93	10.55	10.87	11.41	12.5
Nitrate (asN)	Nitrate	mg/L N	2.1	2	2.4	2.4	2.4	0.67	0.54	0.57	1	0.8	0.63	1	0.36	0.14	0.38	0.55
Natrite (asN)	Nitrite	mg/L N	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.01	0.01	0.01
pH	pH	pH units	7.2	7.4	7.4	7.1	7.1	7.5	7.2	7.1	6.9	6.8	7.3	6.9	6.9	7.2	7.1	6.7
Suspended Solids	Sus_solids	mg/L	20	56	31	42	56	44	66	100	33	80	48	33	64	47	38	2
T.oxid NIT (asN)	Oxidsed_N	mg/L N	2.1	2	1.7	2.4	2	0.67	0.54	0.57	1	0.8	0.63	1	0.36	0.14	0.38	0.15

Vict St Young EPL 005916 Landfill Site	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Victoria St Bore # B2	Data Received		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # B2	Reporting Quarter		Sep-09	Dec-09	Mar-10	Jun-10	Sep-10	Dec-10	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	Jun-12	Sep-12	Dec-12	Mar-13	Jun-13
Analysis Ground Water	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	340	348	361	350	334	172	247	323	822	306	308	822	329	332	321	312
	Carb	mg/L	0.01	0.1	0.1	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hydrox	mg/L	0.01	0.1	0.1	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total	mg/L	340	348	361	350	334	172	247	323	822	306	308	822	329	332	321	312
Ammonia (asN)	Ammonia	mg/L N	0.05	0.04	0.01	0.1	0.14	0.01	0.1	0.05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bio chemical oxygen demand	BOD	mg/L	2	2	2	2	3	4	2	2	2	2	2	2	2	2	2	2
Conductivity	SpC	uS/cm	3800	3800	3900	3700	3900	2200	2900	3000	1600	2000	1800	1600	1700	1700	1600	1600
Depth to water	Depth_to_water	m	7.84	8.89	7.45	12	6.5	5.84	5.94	6.21	6.37	6.19	6.3	6.37	6.2	6.2	7.11	7.18
Depth to sample	Sample Depth	m				12	6.5	5.98	5.94	6.33	6.37	6.19	6.3	6.37	6.14	6.27	6.99	8.02
Nitrate (asN)	Nitrate	mg/L N	0.02	0.29	0.01	0.59	0.62	0.92	3.1	2.9	0.05	0.23	0.05	0.05	0.05	0.05	0.05	0.05
Natrite (asN)	Nitrite	mg/L N	0.01	0.01	1.7	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.1	0.01	0.01	0.01
pH	pH	pH units	7.4	7.6	7.6	6.7	7.5	7.6	7.4	7.5	7.1	7.1	7.7	7.1	7.4	7.8	7.7	7.2
Suspended Solids	Sus_solids	mg/L	36	17	8	21	22	11	20	16	63	11	17	63	19	12	29	19
T.oxid NIT (asN)	Oxidsed_N	mg/L N	0.15		0.29	0.59	0.62	0.92	3.1	2.9	0.05	0.23	0.05	0.05	0.05	0.05	0.05	0.05

Vict St Young EPL 005916	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
Landfill Site	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Victoria St Bore # B3	Data Received		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # B3	Reporting Quarter		Sep-09	Dec-09	Mar-10	Jun-10	Sep-10	Dec-10	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	Jun-12	Sep-12	Dec-12	Mar-13	Jun-13
Analysis Ground Water	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	499					479	1010	1060	280	828	775	280	375	862	1320	1370
	Carb	mg/L	0.1					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hydrox	mg/L	0.1					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total	mg/L	499					479	1010	1060	280	828	775	280	375	862	1320	1370
Ammonia (asN)	Ammonia	mg/L N	1.1					0.24	0.13	0.19	2.3	0.1	0.1	2.3	0.1	0.1	0.1	0.3
Bio chemical oxygen demand	BOD	mg/L	6					61	27	6	8	30	36	8	2	2	3	2
Conductivity	SpC	uS/cm	1500					1700	2900	3200	2400	2900	2600	2400	1600	2900	4400	4700
Depth to water	Depth_to_water	m	16.09	DRY	DRY	DRY	9.55	8.28	8.53	7.97	7.78	8.16	7.9	7.78	7.42	7.9	9.25	7.83
Depth to sample	Sample Depth	m		DRY	DRY	DRY	16.37	15.12	15.78	15.01	7.78	15.09	15.24	7.78	10.44	14.26	14.77	9.8
Nitrate (asN)	Nitrate	mg/L N	0.13					0.35	0.03	0.42	0.05	1.1	0.23	0.05	3.3	0.51	0.08	0.05
Natrite (asN)	Nitrite	mg/L N	0.01					0.02	0.01	0.09	0.01	0.05	0.01	0.01	2.8	0.11	0.01	0.01
pH	pH	pH units	7.8					7.1	7.6	7.7	7.4	7.3	7.9	7.4	7.1	7.8	7.8	7.2
Suspended Solids	Sus_solids	mg/L	77					60	89	37	88	18	14	88	25	16	33	18
T.oxid NIT (asN)	Oxidsed_N	mg/L N	0.01					0.37	0.03	0.51	0.05	1.1	0.24	0.05	6.1	0.62	0.08	0.05

Vict St Young EPL 005916	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
Landfill Site	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Vict St Leach Pond # LP001	Data Received		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # LP001	Reporting Quarter		Sep-09	Dec-09	Mar-10	Jun-10	Sep-10	Dec-10	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	Jun-12	Sep-12	Dec-12	Mar-13	Jun-13
Analysis Leachate Pond Liquid	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	299	179	171	260	193	163	111	165	204	163	301	204	222	161	169	155
	Carb	mg/L	0.1	15	0.1	2	0.1	0.1	26.6	0.1	0.1	0.1	0.1	0.1	0.1	43.2	9.5	0.1
	Hydrox	mg/L	0.1	0.1	0.1	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total	mg/L	299	194	171	260	193	163	138	165	204	163	301	204	222	205	178	155
Ammonia (asN)	Ammonia	mg/L N	3.6	0.06	0.04	6.5	0.11	0.15	0.01	4.2	1.4	0.15	4.5	1.4	0.9	0.1	0.1	2.8
Bio chemical oxygen demand	BOD	mg/L	35	24	14	21	20	16	11	7	7	16	42	7	6	13	26	3
Conductivity	SpC	uS/cm	4300	3900	2000	3900	1800	870	870	1000	1300	870	1400	1300	1500	1600	2200	2100
Depth to water	Depth_to_water	m																
Depth to sample	Sample Depth	m																
Nitrate (asN)	Nitrate	mg/L N	0.13	0.01	0.29	0.02	0.01	0.01	0.01	0.05	0.05	0.01	0.04	0.05	0.03	0.05	0.05	0.14
Natrite (asN)	Nitrite	mg/L N	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.05
pH	pH	pH units	7.8	8.5	8	7.4	8.2	8.2	8.8	7.9	7.8	8.2	8.3	7.8	8.1	9	8.4	7.6
Suspended Solids	Sus_solids	mg/L	77	48	170	48	25	40	20	10	8	40	50	8	22	72	75	6
T.oxid NIT (asN)	Oxidsed_N	mg/L N	0.01	0.01	0.01	0.02	0.01	0.02	0.01	0.06	0.05	0.02	0.05	0.05	0.06	0.05	0.05	0.2

Vict St Young EPL 005916	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
Landfill Site	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Victoria St Cut Off Drain	Data Received		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point- Cut Off Drain	Reporting Quarter		Sep-09	Dec-09	Mar-10	Jun-10	Sep-10	Dec-10	Mar-11	Jun-11	Sep-11	Dec-11	Mar-12	Jun-12	Sep-12	Dec-12	Mar-13	Jun-13
Analysis Surface Water	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	Carb	mg/L	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	Hydrox	mg/L	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
	Total	mg/L	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Ammonia (asN)	Ammonia	mg/L N	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Bio chemical oxygen demand	BOD	mg/L	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Conductivity	SpC	uS/cm	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Depth to water	Depth_to_water	m	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Depth to sample	Sample Depth	m	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Nitrate (asN)	Nitrate	mg/L N	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Natrite (asN)	Nitrite	mg/L N	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
pH	pH	pH units	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
Suspended Solids	Sus_solids	mg/L	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
T.oxid NIT (asN)	Oxidsed_N	mg/L N	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry

Rehill Rd Young EPL 005915	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
Landfill Site	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Redhill Dam # ADP001	**Data Received**		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # ADP001	**Reporting Quarter**		**Sep-09**	**Dec-09**	**Mar-10**	**Jun-10**	**Sep-10**	**Dec-10**	**Mar-11**	**Jun-11**	**Sep-11**	**Dec-11**	**Mar-12**	**Jun-12**	**Sep-12**	**Dec-12**	**Mar-13**	**Jun-13**
Analysis Ground Water	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	314	557	405	390	364	850	612	729	603	572	649	603	568	684	649	516
	Carb	mg/L	62.4	45.4	0.1	50	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	25.6	0.1
	Hydrox	mg/L	0.1	0.1	0.1	2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total	mg/L	376	602	405	440	364	850	612	729	603	572	649	603	568	684	675	216
Ammonia (asN)	Ammonia	mg/L N	0.06	0.01	0.03	0.04	0.08	14	6.1	8.2	0.3	0.3	4.9	0.3	0.1	0.2	0.2	2
Bio chemical oxygen demand	BOD	mg/L	2	9	6	4	8	23	4	8	6	4	3	6	15	2	2	2
Conductivity	SpC	uS/cm	4100	5400	2700	4800	2000	6900	4700	5100	3200	4000	3500	3200	2800	3100	3900	3100
Depth to water	Depth_to_water	m																
Depth to sample	Sample Depth	m																
Nitrate (asN)	Nitrate	mg/L N	0.01		0.01	0.01	0.01	0.01	0.01	0.02	0.11	0.02	0.03	0.11	0.05	0.05	0.05	0.07
Natrite (asN)	Nitrite	mg/L N	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02	0.03	0.03	0.06	0.03	0.01	0.01	0.01	0.08
pH	pH	pH units	8.9	0.01	8	8.7	8	8.1	8.1	8.2	8.1	8	8.2	8.1	8.1	7.9	8.4	8.1
Suspended Solids	Sus_solids	mg/L	6	8.6	9	11	33	64	11	4	21	12	18	21	110	7	8	2
T.oxid NIT (asN)	Oxidsed_N	mg/L N	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.14	0.05	0.09	0.14	0.05	0.05	0.05	0.15

Rehill Rd Young EPL 005915	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
Landfill Site	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Redhill Dam # ADP002	**Data Received**		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # ADP002	**Reporting Quarter**		**Sep-09**	**Dec-09**	**Mar-10**	**Jun-10**	**Sep-10**	**Dec-10**	**Mar-11**	**Jun-11**	**Sep-11**	**Dec-11**	**Mar-12**	**Jun-12**	**Sep-12**	**Dec-12**	**Mar-13**	**Jun-13**
Analysis Leachate Dam Liquid	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L	DRY	DRY	DRY	DRY	313		172						DRY	DRY	DRY	DRY
	Carb	mg/L	DRY	DRY	DRY	DRY	0.1		0.1						DRY	DRY	DRY	DRY
	Hydrox	mg/L	DRY	DRY	DRY	DRY	0.1		0.1						DRY	DRY	DRY	DRY
	Total	mg/L	DRY	DRY	DRY	DRY	313		172						DRY	DRY	DRY	DRY
Ammonia (asN)	Ammonia	mg/L N	DRY	DRY	DRY	DRY	0.14		0.02						DRY	DRY	DRY	DRY
Bio chemical oxygen demand	BOD	mg/L	DRY	DRY	DRY	DRY	10		3						DRY	DRY	DRY	DRY
Conductivity	SpC	uS/cm	DRY	DRY	DRY	DRY	1400		850						DRY	DRY	DRY	DRY
Depth to water	Depth_to_water	m	DRY	DRY	DRY	DRY		DRY		DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY
Depth to sample	Sample Depth	m	DRY	DRY	DRY	DRY									DRY	DRY	DRY	DRY
Nitrate (asN)	Nitrate	mg/L N	DRY	DRY	DRY	DRY	0.59		0.05						DRY	DRY	DRY	DRY
Natrite (asN)	Nitrite	mg/L N	DRY	DRY	DRY	DRY	0.01		0.01						DRY	DRY	DRY	DRY
pH	pH	pH units	DRY	DRY	DRY	DRY	7.9		7.6						DRY	DRY	DRY	DRY
Suspended Solids	Sus_solids	mg/L	DRY	DRY	DRY	DRY	14		16						DRY	DRY	DRY	DRY
T.oxid NIT (asN)	Oxidsed_N	mg/L N	DRY	DRY	DRY	DRY	0.59		0.05						DRY	DRY	DRY	DRY

Rehill Rd Young EPL 005915	Publish Date		30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	30/10/12	22/01/2013	15/07/2013	15/07/2013
Landfill Site	Sample Date		30/09/09	23/12/09	25/03/10	30/06/10	29/09/10	22/12/10	25/03/11	22/06/11	29/09/11	22/12/11	27/03/12	25/06/12	27/09/12	19/12/12	26/03/13	25/06/13
Redhill Bore # GWM001	**Data Received**		8/10/09	6/01/10	31/03/10	15/07/10	6/09/10	5/01/11	4/04/11	28/06/11	7/10/11	29/12/11	2/04/12	10/07/12	4/10/12	27/12/12	8/04/13	1/07/13
EPA License Point # GWM001	**Reporting Quarter**		**Sep-09**	**Dec-09**	**Mar-10**	**Jun-10**	**Sep-10**	**Dec-10**	**Mar-11**	**Jun-11**	**Sep-11**	**Dec-11**	**Mar-12**	**Jun-12**	**Sep-12**	**Dec-12**	**Mar-13**	**Jun-13**
Analysis Ground Water	Analyte	units	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data	Data
Alkal.(CaCO3	Bicard	mg/L					152	119	118	152	211	214	178	211	242	311	274	177
	Carb	mg/L					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Hydrox	mg/L					0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
	Total	mg/L					152.08	119	118	152	211	214	178	211	242	311	274	177
Ammonia (asN)	Ammonia	mg/L N					0.08	0.04	0.01	0.17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bio chemical oxygen demand	BOD	mg/L					3	4	2	2	2	2	2	2	2	2	2	11
Conductivity	SpC	uS/cm					670	310	1800	2200	1800	1800	1200	1800	1700	1900	1600	1300
Depth to water	Depth_to_water	m	DRY	DRY	DRY	DRY	0.7	0	0.58	0.86	0.6	0.78	0.64	0.6	0.76	1.64	3	2.88
Depth to sample	Sample Depth	m					0.75	0	0.58	0.86	0.6	0.78	0.64	0.6	0.8	1.96	3.13	2.74
Nitrate (asN)	Nitrate	mg/L N					5.9	0.48	0.05	0.04	0.05	0.04	0.09	0.05	0.05	0.05	0.05	2.5
Natrite (asN)	Nitrite	mg/L N					0.02	0.01	0.01	0.02	0.01	0.02	0.01	0.01	0.01	0.01	0.01	0.01
pH	pH	pH units					7.3	7.2	7	6.9	7	6.8	7.4	7	7.3	6.9	7.2	6.8
Suspended Solids	Sus_solids	mg/L					510	510	410	1100	2000	1800	2700	2000	3300	1700	8800	4500
T.oxid NIT (asN)	Oxidsed_N	mg/L N					5.9	0.48	0.06	0.06	0.05	0.06	0.1	0.05	0.05	0.05	0.05	2.5