

Meeting:	Altona Properties Soil & Groundwater Meeting	Location:	St. Joseph's College Board Room, Altona
Recorded by:	Melanie Rowe/ Mark Wloch	Date:	29 August 2005 5:30pm
Reference:	2125024A 003 MINS(AUG05) WLOCHM		
Present:	Noel Ryan, Nessie Hardy (Resident), Valerie Gemmell (Resident), Melanie Rowe (PB), Mark Wloch (PB), Vincent Bonnici (City West Water), Les Harman (Qenos), Peter Horne (Orica), Tim Faragher (EPA)		
Absent:			

The Altona Groundwater Management Plan Website is located at www.altonagroundwater.info this includes details of the groundwater management plan and the latest groundwater treatment and monitoring results as presented at the community meetings of the Soil and Groundwater Review Group.

Item No.	Item	Action
1	Confirmation of Agenda - Agenda confirmed as stated.	
2	Minutes of Last Meeting – Minutes of last meeting (March 2005) were circulated previously. Minutes of last meeting were accepted as true and correct.	
3	<p>EPA Waste Discharge Licence (WDL) Emission Testing and Scrubber pH Trials – Results of the February 2005 EPA WDL emission testing were presented at the community meeting. All results were within EPA licence limits.</p> <p>The results from the February 2005 Scrubber pH trials were discussed. An amendment to the EPA WDL was granted for operation of the scrubber at a pH of not less than 8.0.</p> <p>The August 2005, six monthly EPA WDL emission testing has been conducted. Results were not available in time to be presented at the community meeting.</p>	PB – results of August 2005 EPA WDL emission testing to be presented at next community meeting
4	<p>Groundwater Treatment Update - PB presented a summary of groundwater treatment and monitoring over the past six months since the last community meeting. An updated timeline (attached) was presented detailing system operation and shutdowns.</p> <p>Operational reliability in 2005 has been the most consistent since system commissioning. This is due to the focus on improved preventative maintenance and trouble shooting throughout 2004.</p> <p>PB presented a number of graphs (attached) showing: system operating performances, cumulative volatile chlorinated hydrocarbons (VCH) (as 1,2 dichloroethane (EDC)) extracted by the treatment system, cumulative resources used and waste produced and cumulative environmental impacts measure.</p> <p>The issue of plant reliability and whether this was typical of all similar remediation plants was raised by Valerie Gemmell.</p> <p>Timing for when to discontinue active treatment was discussed in terms of environmental benefits of groundwater clean up against environmental impacts of plant operation. The timing of this will be subject to EPA and community acceptance.</p>	
4	EPA Annual Report – PB submitted the annual EPA Waste Discharge Licence report to EPA on behalf of Altona Properties as required by 30 June 2005. Tim	

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	Faragher, EPA, advised that the report met all EPA requirements.	
5	<p>Groundwater Monitoring – June 2005 & March 2005 resampling – PB conducted resampling of wells BH3-4Qp and BH3-7QP in March 2005 following elevated results reported from the December 2004 sampling round. The resampling results reported lower concentrations than reported in December 2004 but were still higher than recent monitoring results.</p> <p>PB conducted groundwater monitoring of 17 wells in June 2005 across APPL, SCT, DOW, Quenos Resins and Qenos Olefins sites. Samples were analysed for VCHs, benzene, toluene, ethyl benzene and xylene (BTEX), and total dissolved solids (TDS). Contour maps of groundwater flow, VCM and EDC concentrations were presented (attached).</p> <p>Groundwater flow was in a southerly direction, consistent with previous monitoring. Water levels for June 2005 were consistent with historical results, ranging between 8.0 m and 10.5 m below ground level.</p> <p>VCH trends together with dissolved oxygen (DO) concentration and redox potentials are generally consistent with ongoing treatment and natural attenuation of the plume.</p> <p>Elevated vinyl chloride result reported for monitoring well BH4-DG is to be verified in future monitoring events</p> <p>Results from the June 2005 monitoring of wells BH3-4QP and BH3-7QP reported a return to low EDC and VCM concentrations indicating that the December 2004 and March 2005 results may have been anomalous.</p> <p>June 2005 results again indicate a separation of the on-site plume from off-site impacts.</p>	PB – Annual Groundwater monitoring of all wells due in November 2005.
8	<p>Soil Investigation update – Noel Ryan presented the status of the soil investigation report. Both the investigation and assessment of remedial options have been reported by PB. Remediation options are being assessed by PolyOne and include three main approaches:</p> <ul style="list-style-type: none"> ▫ Insitu treatment – no soil disturbance ▫ Exsitu treatment and reinstatement of treated soil – soils excavated and treated on-site prior to reinstatement on-site ▫ Exsitu treatment and reinstatement with clean fill – soils excavated and treated on-site prior to off-site disposal to licensed facility, excavations reinstated with imported clean fill <p>A special meeting is likely to be called to discuss the recommended options with EPA and community prior to any further works being undertaken</p>	
10	Groundwater Management Plan Website - The website was updated following the last community meeting in March 2005 and will also be updated after the current meeting.	PB – Website to be updated
11	<p>Other Business – Peter Horne (Orica) discussed proposed sale/ reuse of site as part if inland port/ container park facility.</p> <p>Inclusion of an article for <i>The Consultative Chronicle</i> was again discussed regarding APPL's soil and groundwater contamination issue and treatment program.</p> <p>Greater accessibility of the meeting minutes to the general public was raised. It was proposed copies of the meeting minutes be kept on file in the local library.</p>	Noel Ryan – to arrange an article for <i>The Consultative Chronicle</i> .
12	Next Meeting - The next regular meeting was scheduled to be in six months – February 2006.	
	Meeting closed at 7:30pm.	