

Date and Time
19th February 2009 at 10am

Location
Grontmij – Leeds

Present

- Defence Estates
 - DE Sponsor
 - Defence Estates
- DSTL
 - DSTL
- Grontmij
 - Grontmij
- Grontmij

Minutes of Meeting

Date
26th February 2009

Our Reference
Minutes of Meeting #7 - 19
February 2009

Project Number
P0000360303

Minutes By

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Team Progress Meeting #7 - Phase 2 LQA Shoburyness

Item	Record	Action
1.	<p>Overview of Grontmij LQA findings</p> <p>outlines the key risks identified in the Phase 2 LQA Report, issued to in Draft format on 15th January 2009 with comments returned from on 17th February 2009.</p> <p>In brief the remaining identified risks are as follows:</p> <ul style="list-style-type: none"> • The risks to current site users from soil, groundwater and surface water contamination have generally been assessed as low or low to moderate. A moderate risk has been identified in relation to Area X and the recorded burnt ordnance and from the presence of asbestos within buildings remaining on site. • A residual risk for unexploded ordnance (UXO) remains across Fleet. • The risks associated with the identified radiological sources were assessed as 'low' or 'negligible' considering the known ongoing use of the site. • The risks to ecological receptors from soil, groundwater and surface water contamination across Fleet is variable ranging from low to moderate. The highest (moderate) risks relate to localised areas of soil contamination situated within or immediately adjacent to areas of SSSI designation and site wide drainage ditches. • The risks to groundwater have been assessed as low in relation to each of the sources of contamination identified at the site. • The risks to surface water have generally been assessed as low to moderate but moderate risks have been identified within N Area. • The risks to grazing livestock from soil, groundwater and surface water contamination have generally been assessed as low. A low to moderate risk has been identified in relation to livestock accessing the drainage ditches across Fleet. • Risks to buildings/scheduled monuments were identified as presenting a negligible risk. <p>explained that slight amendment will be made to the Phase 2 LQA report - 'low to moderate' risk to surface water for N Area to be increased to 'moderate'. This is mainly academic and due to the recommendation for further work highlighted in the Technical Note.</p>	



	<p>highlighted that many elevated contaminants identified in surface water across Fleet may be due to overall poor regional estuarine water quality. Of particular interest is ammonium and hydrazine in water and selenium in sediment. Hydrazine presence may be due to natural processes (anaerobic oxidation of ammonia) but not proven. to contact to determine possibility that hydrazine used at Fleet in significant volumes.</p> <p>High ammonia concentrations recorded across Fleet but also reported to be high in Thames estuary. highlighted that if selenium related to plastics, possibility that site-wide issue.</p>	
2.	<p>Overview of Dstl LQA findings describes Dstl findings and Technical Note recommendations:</p> <ul style="list-style-type: none"> • Note only Human Receptors and the Food Chain considered. • All resulting risks were low. • Two areas of naturally occurring radiological materials in Areas N and I/J. • Radium Dial FLTP263 in Area N. • DU in filler material in F3. <p>All agree that the removal of the non-naturally occurring radiological materials is the preferred option. asks whether the findings are considered low risk for disposal. confirms that they are and suggests they be disposed of under one authorisation. states that it is now considered the filler material from F3 is DU based on the lack of daughter products present. suggests that Dstl would recommend the services of a contractor to undertake the remediation works. requests that Dstl provide options for remediation for consideration. Grontmij to confirm the presence/lack of asbestos in FLTP263 to include in remediation design as appropriate. states that the Phase 2 LQA report for radiological material is currently having its final internal review and is due mid to late March 2009. confirms that he has no further comments on this report. adds that the final issue of the Technical Note report is dependant on receiving Dstl costs options. requests a meeting with to discuss remedial options and associated costs. Grontmij to facilitate. Dstl are in receipt of Grontmij comments on the draft report. confirm they are happy with these comments and have no issues with points raised.</p>	GRONTMIJ
3.	<p>Technical Note recommendations for Fleet asks whether the existing state of the security fencing had been including in the risk designation. states that it was included and should the state of the fencing alter in the future, this may effect the risk. All agree that the greatest risk currently for HQ Area for future users is the presence of asbestos in buildings and the dilapidated nature of the buildings resulting in overriding H&S concerns. confirms that in theory HQ Area could be re-opened. adds that notification to English Heritage would have to be made for any change in use of the existing buildings. adds that other areas of Fleet are not as low risk in relation to</p>	

	<p>ground contamination as HQ Area, so different management constraints will exist elsewhere.</p> <p>asks that with trespassers being a concern across Fleet, will the security fencing and signage require improvement?</p> <p>All agree that new signage may attract unwanted attention. As long as the site tenants / users are aware of the risks it may be that no further action is required (assuming removal of the identified radiological hazards), and to consider protection options. In addition to check existing access to area north of Area X (specifically BW7 for which a moderate risk remains with regard to the explosive hazard).</p> <p>asks where the water is coming from and could site activities be responsible for the poor quality in active range areas of the site?</p> <p>All agree that this is unlikely to originate from Avocet/X3 etc. due to the sluice gates feeding the majority of N Area from the north (Devils Reach). adds that farming practises on site are unlikely to produce hydrocarbon contamination as refuelling is not undertaken on this part of the site as far as he is aware.</p> <p>requests that Grontmij consider in future assessments the estuarine and regional effects/quality that may influence the surface water ditches.</p> <p>states that this is first ecological assessment undertaken and we have identified a moderate risk which has resulted in the recommendation for further assessment (i.e. desk studies, surveys, ecological species studies).</p> <p>requests that Grontmij confirm the ecological screening are currently in a draft format from the</p> <p>All agree that it is irrelevant as to which date the burial pits were constructed in relation to the SSSI designation. The potential for contamination impacting the SSSI still remains.</p> <p>states that the regulator discussions will dictate the requirement for further work. adds that, being the first ecological assessment, all parties must be aware of the precedent these discussions and recommendations will have in future on the rest of the DE Estate.</p> <p>to forward the Fleet species mapping assessment undertaken by for consideration.</p> <p>highlighted that where key issues arise in a specific location, we do not know whether this is a preferred location for certain ecological species. Do areas mimic the areas identified with a moderate ecological risk ? Grontmij to clarify this in Technical Note .</p> <p>shall also review Phase 2 LQA report and Technical Note next week and will forward any comments additional to those received from !. Grontmij to forward as CD-Rom upon completion.</p> <p>Technical Note to be removed from Projectweb until final review undertaken.</p>	<p>GRONTMIJ</p> <p>GRONTMIJ</p> <p>GRONTMIJ</p> <p>GRONTMIJ</p>
4.	<p>Regulator/Public Relations</p> <p>asks how we broach our findings to the Council.</p> <p>notes the outcome of the Phase 1 and 2 LQA process is extremely positive and due to the robust nature of the overall scheme, we are left</p>	

6.	<p>Proposals for other areas within MOD Shoeburyness</p> <p>describes the surface water proposal recently issued for consideration (dated 17th February 2009).</p> <p>wishes Grontmij to consider whether, following the proposed surface water monitoring works, Grontmij would be in a position to state that the site (or parts thereof) are suitable for existing use.</p> <p>This classification is based on CIRIA 552 remedial action degrees (four categories).</p> <p>notes that whilst some areas will fall into Category's 1 and 2, control measures will reduce the impact to Category 3.</p> <p>notes that this same procedure applies to the land management of the current, active range areas too.</p> <p>requests that Grontmij consider N Area, Range Areas, the areas covered in the surface water monitoring for categorisation and amend the quote accordingly.</p>	GRONTMIJ
7.	<p>Health & Safety File</p> <p>Grontmij to forward H&S File to for distribution to site tenants as deemed appropriate.</p>	GRONTMIJ
8.	<p>AOB</p> <p>confirms FATS3 results are out on Thursday 26th February 2009.</p> <p>to pass on to recommendations for further areas without costs at this stage, cost to follow.</p> <p>Dstl to remove LQA part of the report title as it is contaminant specific.</p> <p>Next progress meeting to be confirmed upon agreement with -</p> <p>when to have 'sit-down' review report.</p> <p>Grontmij asked to close out any C2's by the end of March and report any savings where applicable. Additional C2's for Regulatory liaison to be raised in the next financial term. Proposal required from Grontmij to support regulatory liaison.</p>	<p>DSTL</p> <p>DSTL</p> <p>GRONTMIJ</p>