

**Installation Restoration Program**  
**IAG Schedule for**  
**SEP 2011 Picatinny Arsenal**

Name of Document	Date or Proposed Date	Comment or Army status or update based on last IAG Schedule	EPA status	NJDEP status
<b>I. Remedial Investigative Workplans and Reports</b>				
1. Remedial Investigation Workplan for the MMRP for Picatinny	Draft Workplan submitted in 7/6/2011	<p style="background-color: yellow;">Army to provide RtCs by October 14th.</p> <p>TPP meeting occurred July 26-27. Minutes approved and sent out September 2<sup>nd</sup>.</p>	EPA provides comments on August 30 <sup>th</sup>	NJDEP provides comments on via email on September 12 <sup>th</sup> , September 8 <sup>th</sup> ., September 1 <sup>st</sup> and July 26 <sup>th</sup> .
2. RI Report for Skeet Range	10/2011	RI Report to present results of SI and RI and include HHRA and SLERA		

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3. Site 34 Burning Grounds Sampling Results	10/28/10	Last groundwater data collected on 8/2011.  Last time mentioned in schedule.	Needs review but not considered high priority	Needs review but not considered high priority. EDDs also sent to Greg Zalaskus
4a. Building 660 Vapor Intrusion Investigation Report PICA 58 600 Hill Groundwater Plume  4b. 600 Hill Pre-design investigative FS Addendum	9/9/2011  To be determined based on approval of Explosive Safety Plan for safe work.	Fieldwork called off based on Safety Issues. ESP will be developed and work done in compliance. Data summarized in cover letter.	EPA needs to review VI Report	NJDEP needs to review VI Report
<b>II. Feasibility Studies and EE/CAs</b>				

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5. Feasibility study for 25 Sites (Shaw developed)	Final FS submitted 9/3/2010	Please see 25 Site table Issues brought up after 2 September meeting. This should not affect the finalization of this report. Army provides responses to comments including recent EPA - NJDEP position ARARS. Tracked changes supplied to EPA and NJDEP. Shaw has finalized changes based on programmatic agreements will be submitted by early May.	Approval provided in August 25, 2010 email.	NJDEP provides conditional approval in 9/9/2010 email from Jim Kealy.  NJDEP approves Dog Pound report on June 8 <sup>th</sup> .

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6. Summary Table and Associated Figures 25 Site Group - PICA 001	12/03/2010 and follow-up letter from Jim Daniels to Angela Carpenter sent in a email March 10 <sup>th</sup> ,2011.	<p>Army will wait to receive all comments from both EPA and NJDEP before moving forward.</p> <p>A response to the request of Angela Carpenter to Jim Daniels based on the original Jim Kealy' request</p> <p>If required once the review and initial approval of this table is given, all other soils' FSs will have similar table submitted.</p>	<p>EPA provides partial approval of 14 sites on June 1, 2011.</p> <p>EPA needs to complete review and send comments or approval.</p>	<p>Needs Review.</p> <p>DEP provides one comment on perchlorate at 5 sites. DEP's final review contingent upon response.</p>

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7. Feasibility Studies (now called the 5 Site FS) (PICA 11, 85, 91, 97, and 108)	9/4/2009	<p>Review and approval of the 25 Site Summary table intended will resolve LUC issues associated with this report.</p> <p>As a result information provided by EPA at the September 2, 2010 meeting responses to EPA comments and red lined strike out text will not be submitted until EPA provides clear and concise guidance on ARARs and application of LUCs or approval of the PICA LUC Group Proposed Plan (Item No. 16).</p>	<p>EPA provided comment on 12/1/09</p> <p>Now affected by EPA position on NJDEP ARARs</p>	<p>NJDEP not reviewing until issues are resolved regarding NJDEP state number as ARARs.</p>

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<p>8. Feasibility Study for PICA 11 LUC Group of Sites . . . Now called the '45 Site FS' (PICA 11, 50, 75, 91, 97, 108, 122, 134, 135, 136, 162, 175, 200, 209)</p>	<p>12/2009</p>	<p>Review and approval of the 25 Site Summary table intended will resolve LUC issues associated with this report.</p> <p>As a result information provided by EPA at the September 2, 2010 meeting responses to EPA comments and red lined strike out text will not be submitted until EPA provides clear and concise guidance on ARARs and application of LUCs or approval of the PICA LUC Group Proposed Plan (Item No. 16).</p> <p>.</p>	<p>EPA provides comments on April 7, 2010</p> <p>Now affected by EPA position on NJDEP ARARs</p>	<p>NJDEP not reviewing until issues are resolved regarding NJDEP state number as ARARs.</p>

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9. Lakes FS (PICA 15, 57, 195)	9/16/2010  Draft Final Fst submitted to regulators 10/30/09	<p>Army to respond to August 4<sup>th</sup> comments to Army responses to June comments by submitting a Sediment Sampling Work Plan in October.</p> <p>Army responded with a July 25<sup>th</sup> email to the June comments from NJDEP</p> <p>Lakes Addendum, and responses to comments provided in email from Ted Gabel on March 29, 2011. Included sediment sampling results in Picatinny Lake adjacent to PICA 79 (site 40). Explosive concentrations were below action levels, no removal required. Tracked changes version submitted 9/16/10</p>	<p>EPA requested in 9/1/2011 email that LUCs and not NFA be selected alternative</p> <p>EPA provided approval of Addendum on April 15<sup>th</sup>.</p> <p>EPA provides OK to responses to comments except for one comment that had been addressed in 25 Site FST rtcs.</p> <p>Comments received 12/17/09</p>	<p>NJDEP response to Picatinny's RtCs on August 4</p> <p>Comments from NJDEP submitted by Jim Kealy on June 21<sup>st</sup>, 2011</p> <p>DEP provides comments on 6/21/11 requesting more samples and reconsideration.</p> <p>Approval by Joe Marchesani of NJDEP in March.</p> <p>Jim Kealy provides comment on 12/13/10</p>
10. Picatinny Lake Sampling Work Plan	10/2011	New work plan prepared to address NJDEP comments on the Lakes FS	Needs review if necessary.	Needs review

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11. Non-Lakes Feasibility Study (which includes TECUP Buildings))	12/2009	<p>Review and approval of the 25 Site Summary table intended will resolve LUC issues associated with this report.</p> <p>As a result information provided by EPA at the September 2, 2010 meeting responses to EPA comments and red lined strike out text will not be submitted until EPA provides clear and concise guidance on ARARs and application of LUCs or approval of the PICA LUC Group Proposed Plan (Item No. 16).</p>	EPA comments provided on 3/10/10.	Needs DEP review.



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12. Mid Valley (PICA 204) FS Addendum	06/29/2011	Army provides responses to regulator comments on September 15 <sup>th</sup> .	EPA needs to review responses to comments	NJDEP needs to review responses to comments
13. Draft Final Land Use Controls Engineering Evaluation/Cost Analysis	10/11	TPP meetings minutes approved June 10 <sup>th</sup> by EPA and NJDEP		
<b>III. Proposed Plans &amp; Records of Decision and proposed plans (with Technical Memorandums)</b>				
14. Proposed Plan for the PICA 1 LUC Group (Arcadis 25 Site FS)	1/2010	See Summary Table above  Based on RTCs and discussion on 2 September Proposed Plan public noticing is on hold.	EPA provides comments to response to comments and discussed critical LUC issue at 2 September meeting.  EPA provides review on July 1 <sup>st</sup> .	Needs DEP review

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15. Proposed Plan for PICA-111	Draft Final Proposed Plan was submitted to Regulators on 5/20/10	Army provided Response to comments February 15 letter. Fst was submitted in March and was considered approved per 5/18/2010 correspondence.	EPA provides comments on November 18, 2010	Needs review
16. Proposed Plan for Lakes	12/2011	Submittal date contingent upon additional sediment sampling being performed to provide resolution of NJDEP comments on addendum.		DEP provided comments on 6/21/11 on FS.
17. Proposed Plan for 600 Area	02/10	Based on results of study, revised Proposed Plan to be submitted when study is complete. See workplan discussion above.	EPA responds to comments on 6/24  EPA provides comments on April 22 <sup>nd</sup>	Needs review.
18. Mid Valley (PICA 204) Proposed Plan	12/2011	Will be submitted after approval of the FS Addendum		

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19. ROD for PICA 13 or Site 78	Army signed ROD on March 24, 2011 EPA signs ROD July 5 <sup>th</sup> , 2011	Army publishes Public Notice on 7/15/11, 7/21/11, and July 15th in the Daily Record, Star Ledger, and Voice, respectively.  <b>Last time mentioned in Schedule</b>	EPA approves responses to comments and tracked changed ROD on March 8th  Comments on revised ROD provided January 26, 2011.	Ed Putnam of NJDEP provides comments through Jim Kealy on April 18 <sup>th</sup> 2011.  NJDEP Has approved VI report.
20. ROD for 600 Area	TBD	Completion of the ROD will be contingent upon approval and public notice of the Proposed Plan which will after the completion of the investigation.		
<b>IV. Remedial Designs</b>				

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21. Remedial Design for PICA 013 (Site 78)	7/26/2010	Army provides revised RD on August 12.	EPA provides approval of the RD in August 15 <sup>th</sup> letter and approves responses to comments on July 6 <sup>th</sup> via email	Needs review.
22. Remedial Design Vegetation and UXO Clearance at PICA 02	11/ 11	New document being prepared by ARCADIS to accomplish vegetation clearance and associated UXO clearance. Details on the capping components will be submitted in a subsequent work plan Lower Burning has stopped operation.		
<b>IV. Remedial Reports, IRARs and Removal Action Reports</b>				
23. ICM Removal Action Report	3/2011  Last time mentioned in schedule	Responses and replacement pages provided July 8th  Army provided revised reports based on accepted responses to comments from NJDEP.	EPA provides approval	NJDEP provides additional comments in email dated April 5 <sup>th</sup> based on responses co comments. NJDEP provides review of responses.
24. Site 78 (PICA 13)Groundwater	9/2011	New document being prepared by ARCADIS		

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25. Group 1 (PICA 79) Interim Remedial Action Report	4/18/2011	Last time mentioned in IAG.	EPA provides an approval letter dated April 28 <sup>th</sup> .	Approved by J. Marchesani on 5/24/11. Awaiting Kealy review and DEP approval
26. Group 3 (PICA 008) Interim Remedial Action Report	2/28/2011	Submitted in February 2011 for review.	EPA approves report 8 March	Needs review.
27. Annual LUC Certification Report for 2010	4/2011	Army provides response to comments dated 5/10/2011.	EPA provides conditional approval on April 21,	Needs review
28. Area B Annual Report 2010	3/2011	Army to include well in next sampling round.		NJDEP via email 6/2/2011 to include additional well
29. Area E Annual Report 2010	3/16/2011	Army provided comments on June 10 to NJDEP.		Awaiting NJDEP response to comments,  NJDEP provides comments on May 5 <sup>th</sup> of 2011.
30. Tilcon 3 Removal Action Report	7.8/2011		Needs Reviews	NJDEP provides comments on report NJDEP provided workplans to base review on.
31. GPB/BSB (PICA 193 Annual Report) Annual Report 2010	5/19/2011	Includes response to EPA comments on last year's report.	Needs review	Needs review

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32. Area C Groundwater Interim Remedial Action Report	08/17/2010	New report with GW data from the first LTM sampling event conducted in January	Approved by EPA September 7, 2010	Needs review
33. Area D Annual Report for 2010	4/10/2011		Needs review	Needs Reveiw
34. Post Farm (PICA 65) Annual Report 2010	4/13/2011	Includes statistical analysis per RD.		NJDEP provides approval via email on June 2 <sup>nd</sup> .
35. Group 3 (PICA 008)Groundwater Annual Report 2010	2/28/2011		Needs Review	Approved 6/8/11
36. Group 1 (PICA 079) Annual Report 2010	4/15/2011		Needs Review	NJDEP Provides approval on 5/25/11
37. Site 78 (PICA 13)Groundwater Annual Report 2010	9/2011	Will be submitted with IRAR		
38. Q1 2011 Groundwater Monitoring Data Report, Site 78 (PICA 13)	9/2011	Quarterly data report being submitted with a white cover by ARCADIS		
39. Q2 2011 Groundwater Monitoring Data Report, Site 78 (PICA 13)	10/2011	Quarterly data report being submitted with a white cover by ARCADIS		

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40. Q1 2011 Groundwater Monitoring Data Report, Group 1 (PICA 79)	9/2011	Quarterly data report being submitted with a white cover by ARCADIS		
41. Q2 2011 Groundwater Monitoring Data Report, Group 1 (PICA 79)	10/2011	Quarterly data report being submitted with a white cover by ARCADIS		
42. Q1 2011 Groundwater Monitoring Data Report, Group 3 (PICA 08)	9/2011	Quarterly data report being submitted with a white cover by ARCADIS		
43. Q2 2011 Groundwater Monitoring Data Report, Group 3 (PICA 08)	10/2011	Quarterly data report being submitted with a white cover by ARCADIS		
44. Semi Annual 2011 Groundwater Monitoring Data Report, Area D Groundwater (PICA 76)	10/2011	Semi-Annual data report being submitted with a white cover by ARCADIS		
45. Semi Annual 2011 Groundwater Monitoring Data Report, Area E Groundwater (PICA 77)	10/2011	Semi-Annual data report being submitted with a white cover by ARCADIS		

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46. Semi Annual 2011 Groundwater Monitoring Data Report, Area B Groundwater (PICA 205)	10/2011	Semi-Annual data report being submitted with a white cover by ARCADIS		
47. Area C Groundwater Monitoring Report Round C	11/2011			
<b>V. Other Documents and Submittals</b>				
48. Draft Five-Year Review for 2011	7/2011	Document should be revised before being public noticed.  Garrison Commander signed per EPA request before technical review by EPA.	EPA approves protectiveness statement in letter from Walter Mugdan dated September 12.  EPA has requested that the Army sign the 5 Year Review before submittal. Army comments are currently being addressed. Document will be submitted in July.  EPA had asked for a February submittal time.	Not asking for review.
49. Hydrasleeve SOP	2/15/11		Needs review.	Needs OK from NJDEP