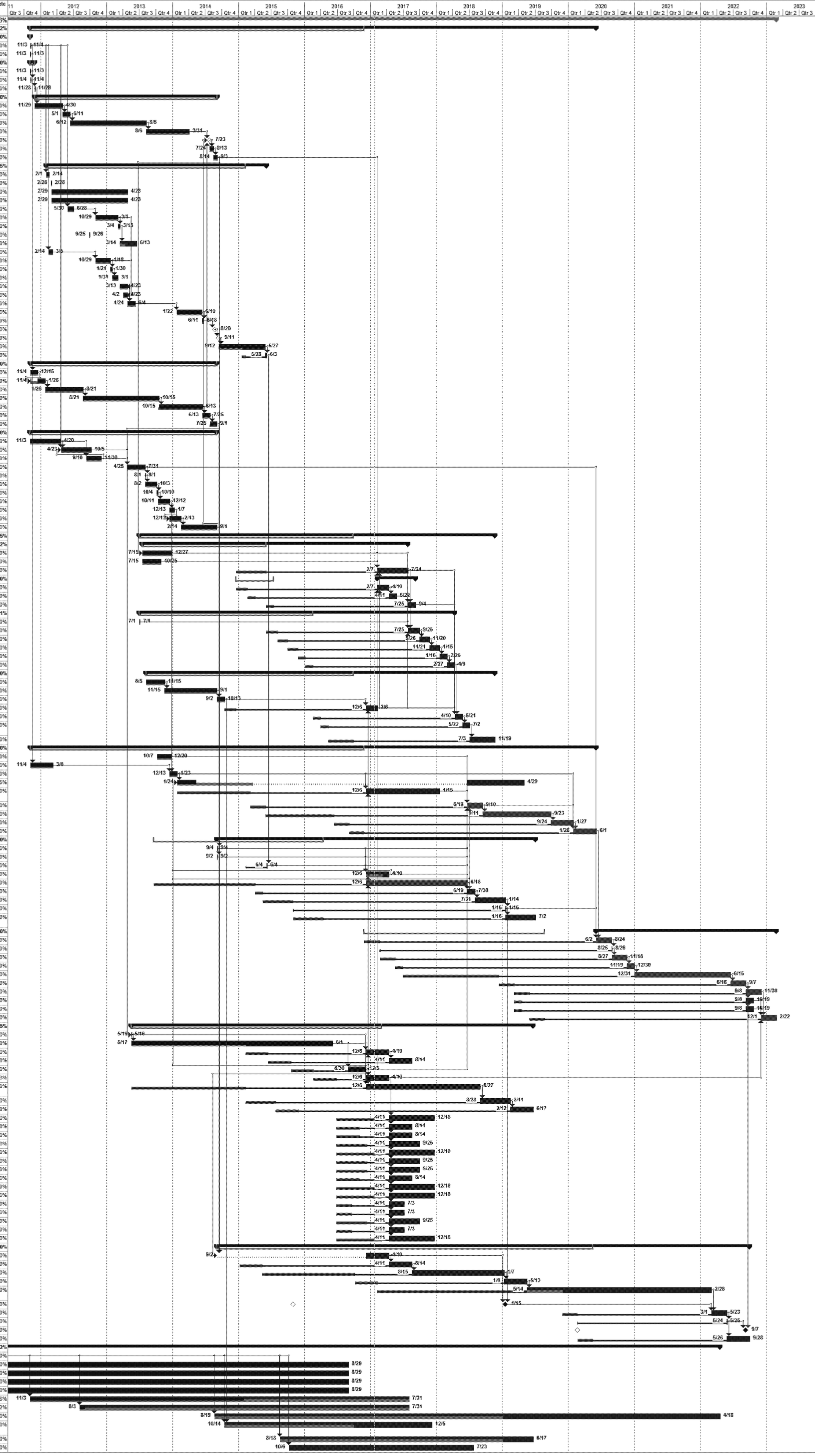| ID | | Task Name | Duration | Predecessors | Baseline Start | Actual Start | Baseline Finish | Actual Finish | % Complete |
|---|---|---|---|---|---|---|---|---|---|
| 0 | | **Hopi Arsenic Mitigation Project Schedule Jan 2016** | **4981 days** | | **NA** | **Wed 1/21...** | **NA** | **NA** | **53%** |
| 1 | | **1 PLANNING AND DESIGN ACTIVITIES** | **2238 days** | | **Thu 11/3/11** | **Thu 11/3/11** | **Thu 11/24/16** | **NA** | **62%** |
| 2 | ✓ | **1.1 Funding for Planning and Design** | **2 days** | | **Thu 11/3/11** | **Thu 11/3/11** | **Fri 11/4/11** | **Fri 11/4/11** | **100%** |
| 3 | ✓ | 1.1.1 EPA DWTSA Funds Secured | 1 day | | Thu 11/3/11 | Thu 11/3/11 | Fri 11/4/11 | Fri 11/4/11 | 100% |
| 4 | ✓ | 1.1.2 IHS Funds Secured | 1 day | | Thu 11/3/11 | Thu 11/3/11 | Thu 11/3/11 | Thu 11/3/11 | 100% |
| 5 | ✓ | **1.2 Hydrogeologic Study** | **18 days** | | **Thu 11/3/11** | **Thu 11/3/11** | **Mon 11/28/11** | **Mon 11/28/11** | **100%** |
| 6 | ✓ | 1.2.1 Hydrogeologic Scope | 1 day | | Thu 11/3/11 | Thu 11/3/11 | Thu 11/3/11 | Thu 11/3/11 | 100% |
| 7 | ✓ | 1.2.2 Hydrogeologic Procurement | 1 day | 6,3 | Fri 11/4/11 | Fri 11/4/11 | Fri 11/4/11 | Fri 11/4/11 | 100% |
| 8 | ✓ | 1.2.3 Hydrogeologic Deliverable | 1 day | 7 | Mon 11/28/11 | Mon 11/28/11 | Mon 11/28/11 | Mon 11/28/11 | 100% |
| 9 | ✓ | **1.3 Preliminary Engineering Report** | **722 days** | | **Tue 11/29/11** | **Tue 11/29/11** | **Wed 9/3/14** | **Wed 9/3/14** | **100%** |
| 10 | ✓ | 1.3.1 Draft Report Completion | 110 days | 8 | Tue 11/29/11 | Tue 11/29/11 | Mon 4/30/12 | Mon 4/30/12 | 100% |
| 11 | ✓ | 1.3.2 Submit Draft Report for Review and Comment | 30 days | 10 | Tue 5/1/12 | Tue 5/1/12 | Mon 6/11/12 | Mon 6/11/12 | 100% |
| 12 | ✓ | 1.3.3 Revise Report to include Review Comments | 300 days | 11 | Tue 6/12/12 | Tue 6/12/12 | Mon 8/5/13 | Mon 8/5/13 | 100% |
| 13 | ✓ | 1.3.4 Address USDA Comments | 170 days | 12 | Tue 8/6/13 | Tue 8/6/13 | Mon 3/31/14 | Mon 3/31/14 | 100% |
| 14 | ✓ | 1.3.5 Submit Draft Final Report to the Tribe | 0 days | 45,13,35,59 | Wed 7/23/14 | Wed 7/23/14 | Wed 7/23/14 | Wed 7/23/14 | 100% |
| 15 | ✓ | 1.3.6 PER Finalization | 15 days | 14 | Thu 7/24/14 | Thu 7/24/14 | Wed 8/13/14 | Wed 8/13/14 | 100% |
| 16 | ✓ | 1.3.7 PER Complete | 15 days | 15 | Thu 8/14/14 | Thu 8/14/14 | Wed 9/3/14 | Wed 9/3/14 | 100% |
| 17 | | **1.4 Environmental Assessment** | **871 days** | | **Wed 2/1/12** | **Wed 2/1/12** | **Thu 2/5/15** | **NA** | **95%** |
| 18 | ✓ | 1.4.1 A/E Services Scope | 10 days | 3 | Wed 2/1/12 | Wed 2/1/12 | Tue 2/14/12 | Tue 2/14/12 | 100% |
| 19 | ✓ | 1.4.2 A/E Services Award | 1 day | | Tue 2/28/12 | Tue 2/28/12 | Tue 2/28/12 | Tue 2/28/12 | 100% |
| 20 | ✓ | 1.4.3 Wetlands Determination | 300 days | | Wed 2/29/12 | Wed 2/29/12 | Tue 4/23/13 | Tue 4/23/13 | 100% |
| 21 | ✓ | 1.4.4 Flood Plain Analysis | 300 days | | Wed 2/29/12 | Wed 2/29/12 | Tue 4/23/13 | Tue 4/23/13 | 100% |
| 22 | ✓ | 1.4.5 Cultural Resource Surveys | 22 days | 3 | Wed 5/30/12 | Wed 5/30/12 | Thu 6/28/12 | Thu 6/28/12 | 100% |
| 23 | ✓ | 1.4.6 Cultural Resource Report | 90 days | 22 | Mon 10/29/12 | Mon 10/29/12 | Fri 3/1/13 | Fri 3/1/13 | 100% |
| 24 | ✓ | 1.4.7 CR Agency Review and Determination | 8 days | 23 | Mon 3/4/13 | Mon 3/4/13 | Wed 3/13/13 | Wed 3/13/13 | 100% |
| 25 | ✓ | 1.4.8 SHPO approval of Well site | 1 day | | Tue 9/25/12 | Tue 9/25/12 | Wed 9/26/12 | Wed 9/26/12 | 100% |
| 26 | | 1.4.9 SHPO Consultation | 66 days | 24 | Thu 3/14/13 | Thu 3/14/13 | Fri 4/12/13 | NA | 0% |
| 27 | ✓ | 1.4.10 Biological Resource Surveys | 15 days | 3 | Tue 2/14/12 | Tue 2/14/12 | Mon 3/5/12 | Mon 3/5/12 | 100% |
| 28 | ✓ | 1.4.11 Biological Resource Reports | 60 days | 27 | Mon 10/29/12 | Mon 10/29/12 | Fri 1/18/13 | Fri 1/18/13 | 100% |
| 29 | ✓ | 1.4.12 BR Agency Review and Determination | 8 days | 28 | Mon 1/21/13 | Mon 1/21/13 | Wed 1/30/13 | Wed 1/30/13 | 100% |
| 30 | ✓ | 1.4.13 USFWS Consultation | 22 days | 29 | Thu 1/31/13 | Thu 1/31/13 | Fri 3/1/13 | Fri 3/1/13 | 100% |
| 31 | ✓ | 1.4.14 EA Draft | 30 days | 23FF,28FF | Wed 3/13/13 | Wed 3/13/13 | Tue 4/23/13 | Tue 4/23/13 | 100% |
| 32 | ✓ | 1.4.15 EA Comment Period | 16 days | 31FF | Tue 4/2/13 | Tue 4/2/13 | Tue 4/23/13 | Tue 4/23/13 | 100% |
| 33 | ✓ | 1.4.16 EA Draft Cooperating Agency Review | 30 days | 31 | Wed 4/24/13 | Wed 4/24/13 | Tue 6/4/13 | Tue 6/4/13 | 100% |
| 34 | ✓ | 1.4.17 Incorporate Alignment Changes and Addendum Surveys | 100 days | 33 | Wed 1/22/14 | Wed 1/22/14 | Tue 6/10/14 | Tue 6/10/14 | 100% |
| 35 | ✓ | 1.4.18 EA Draft Final | 6 days | 34 | Wed 6/11/14 | Wed 6/11/14 | Wed 6/18/14 | Wed 6/18/14 | 100% |
| 36 | ✓ | 1.4.19 EA Draft Final Review | 0 days | 35 | Wed 8/20/14 | Wed 8/20/14 | Wed 8/20/14 | Wed 8/20/14 | 100% |
| 37 | ✓ | 1.4.20 Public Meeting Regarding EA at Hopi | 0 days | 36 | Thu 9/11/14 | Thu 9/11/14 | Thu 9/11/14 | Thu 9/11/14 | 100% |
| 38 | ✓ | 1.4.21 Village consultation regarding traditional cultural properties | 184 days | 37 | Fri 9/12/14 | Fri 9/12/14 | Thu 1/15/15 | Wed 5/27/15 | 100% |
| 39 | ✓ | 1.4.22 EA Determination (FONSI) | 5 days | 38 | Fri 1/16/15 | Thu 5/28/15 | Thu 2/5/15 | Wed 6/3/15 | 100% |
| 40 | ✓ | **1.5 Utility Management Development** | **737 days** | | **Fri 11/4/11** | **Fri 11/4/11** | **Mon 9/1/14** | **Mon 9/1/14** | **100%** |
| 41 | ✓ | 1.5.1 Strategic Plan Scope | 30 days | 3 | Fri 11/4/11 | Fri 11/4/11 | Thu 12/15/11 | Thu 12/15/11 | 100% |
| 42 | ✓ | 1.5.2 Strategic Plan Procurement | 30 days | 41 | Fri 11/4/11 | Fri 11/4/11 | Thu 1/26/12 | Thu 1/26/12 | 100% |
| 43 | ✓ | 1.5.3 Strategic Plan Draft Report | 148 days | 42 | Thu 1/26/12 | Thu 1/26/12 | Tue 8/21/12 | Tue 8/21/12 | 100% |
| 44 | ✓ | 1.5.4 Procure Additional Services for Strategic Plan Revisions | 300 days | 43 | Tue 8/21/12 | Tue 8/21/12 | Tue 10/15/13 | Tue 10/15/13 | 100% |
| 45 | ✓ | 1.5.5 Incorporate Draft PER comments into the Strategic Plan | 173 days | 44 | Tue 10/15/13 | Tue 10/15/13 | Fri 6/13/14 | Fri 6/13/14 | 100% |
| 46 | ✓ | 1.5.6 Finalize Strategic Plan | 30 days | 45 | Fri 6/13/14 | Fri 6/13/14 | Fri 7/25/14 | Fri 7/25/14 | 100% |
| 47 | ✓ | 1.5.7 Strategic Plan Final Report | 26.7 days | 46 | Fri 7/25/14 | Fri 7/25/14 | Mon 9/1/14 | Mon 9/1/14 | 100% |
| 48 | ✓ | **1.6 Water Well Drilling** | **738 days** | | **Thu 11/3/11** | **Thu 11/3/11** | **Mon 9/1/14** | **Mon 9/1/14** | **100%** |
| 49 | ✓ | 1.6.1 Well Drilling Scope | 122 days | | Thu 11/3/11 | Thu 11/3/11 | Fri 4/20/12 | Fri 4/20/12 | 100% |
| 50 | ✓ | 1.6.2 Well Drilling Procurement | 120 days | 49,3,51 | Mon 4/23/12 | Mon 4/23/12 | Fri 10/5/12 | Fri 10/5/12 | 100% |
| 51 | ✓ | 1.6.3 Secure Well Land Assignments | 60 days | 49 | Mon 9/10/12 | Mon 9/10/12 | Fri 11/30/12 | Fri 11/30/12 | 100% |
| 52 | ✓ | 1.6.4 Well Drilling Deliverables (Wells) | 70 days | 50,51 | Thu 4/25/13 | Thu 4/25/13 | Wed 7/31/13 | Wed 7/31/13 | 100% |
| 53 | ✓ | 1.6.5 Water Sample Report from pilot hole 1 | 1 day | 52 | Thu 8/1/13 | Thu 8/1/13 | Thu 8/1/13 | Thu 8/1/13 | 100% |
| 54 | ✓ | 1.6.6 Completion of Well 1 | 45 days | 53 | Fri 8/2/13 | Fri 8/2/13 | Thu 10/3/13 | Thu 10/3/13 | 100% |
| 55 | ✓ | 1.6.7 Notice to Proceed to Well 2 | 5 days | 54 | Fri 10/4/13 | Fri 10/4/13 | Thu 10/10/13 | Thu 10/10/13 | 100% |
| 56 | ✓ | 1.6.8 Water Sample Report from pilot hole 2 | 45 days | 55 | Fri 10/11/13 | Fri 10/11/13 | Thu 12/12/13 | Thu 12/12/13 | 100% |
| 57 | ✓ | 1.6.9 Draft Report on Well 1 | 18 days | 56 | Fri 12/13/13 | Fri 12/13/13 | Tue 1/7/14 | Tue 1/7/14 | 100% |
| 58 | ✓ | 1.6.10 Completion of Well 2 | 45 days | 57 | Fri 12/13/13 | Fri 12/13/13 | Thu 2/13/14 | Thu 2/13/14 | 100% |
| 59 | ✓ | 1.6.11 Final Report on Well 1 and 2 | 142 days | 58 | Fri 2/14/14 | Fri 2/14/14 | Mon 9/1/14 | Mon 9/1/14 | 100% |
| 60 | | **1.7 Planning Activities - inclusion of BIA/BIE in the HAMP** | **1406 days** | | **Mon 7/1/13** | **Mon 7/1/13** | **Mon 9/26/16** | **NA** | **45%** |
| 61 | | **1.7.1 PER Revisions** | **1051 days** | | **Mon 7/15/13** | **Mon 7/15/13** | **Mon 6/1/15** | **NA** | **62%** |
| 62 | ✓ | 1.7.1.1 Revise maps to include BIA facilities | 120 days | 16 | Mon 7/15/13 | Mon 7/15/13 | Fri 12/27/13 | Fri 12/27/13 | 100% |
| 63 | ✓ | 1.7.1.2 Gather water usage data from BIA | 75 days | | Mon 7/15/13 | Mon 7/15/13 | Fri 10/25/13 | Fri 10/25/13 | 100% |
| 64 | | 1.7.1.3 Revise PER text to include BIA facilities | 120 days | 62,63,16,80,120 | Tue 12/16/14 | NA | Mon 6/1/15 | NA | 0% |
| 65 | | **1.7.2 Strategic Plan Revisions** | **150 days** | | **Tue 12/16/14** | **NA** | **Mon 7/13/15** | **NA** | **0%** |
| 66 | | 1.7.2.1 Compile a revised A/E scope of work | 45 days | 80,120 | Tue 12/16/14 | NA | Mon 2/16/15 | NA | 0% |
| 67 | | 1.7.2.2 Execute a change order with A/E for increase in scope | 30 days | 66 | Tue 2/17/15 | NA | Mon 3/30/15 | NA | 0% |
| 68 | | 1.7.2.3 Revise Strategic Plan tables and text to include BIA facilities | 30 days | 67,64 | Tue 6/2/15 | NA | Mon 7/13/15 | NA | 0% |
| 69 | | **1.7.3 EA and NEPA Revisions** | **1246 days** | | **Mon 7/1/13** | **Mon 7/1/13** | **Mon 2/15/16** | **NA** | **1%** |
| 70 | ✓ | 1.7.3.1 Revise A/E scope of work | 1 day | | Mon 7/1/13 | Mon 7/1/13 | Mon 7/1/13 | Mon 7/1/13 | 100% |
| 71 | | 1.7.3.2 Conduct cultural and biological surveys for new alignments | 45 days | 70,62,64,80 | Tue 6/2/15 | NA | Mon 8/3/15 | NA | 0% |
| 72 | | 1.7.3.3 Revise EA to include BIA facilities | 40 days | 71 | Tue 8/4/15 | NA | Mon 9/28/15 | NA | 0% |
| 73 | | 1.7.3.4 Distribute revised EA to cooperating agencies for review | 40 days | 72 | Tue 9/29/15 | NA | Mon 11/23/15 | NA | 0% |
| 74 | | 1.7.3.5 Receive comments from cooperating agencies | 30 days | 73 | Tue 11/24/15 | NA | Mon 1/4/16 | NA | 0% |
| 75 | | 1.7.3.6 Finalize the EA revisions | 30 days | 74 | Tue 1/5/16 | NA | Mon 2/15/16 | NA | 0% |
| 76 | | **1.7.4 BIA Planning Agreement** | **1381 days** | | **Mon 8/5/13** | **Mon 8/5/13** | **Mon 9/26/16** | **NA** | **60%** |
| 77 | ✓ | 1.7.4.1 Draft a planning agreement to include BIA/BIE/IHS/Tribe | 75 days | | Mon 8/5/13 | Mon 8/5/13 | Fri 11/15/13 | Fri 11/15/13 | 100% |
| 78 | ✓ | 1.7.4.2 Circulate planning agreement for comments | 207 days | 77 | Fri 11/15/13 | Fri 11/15/13 | Mon 9/1/14 | Mon 9/1/14 | 100% |
| 79 | ✓ | 1.7.4.3 Finalize planning agreement and distribute to signatories | 30 days | 78 | Tue 9/2/14 | Tue 9/2/14 | Mon 10/13/14 | Mon 10/13/14 | 100% |
| 80 | | 1.7.4.4 Final signed planning agreement | 45 days | 79,120 | Tue 10/14/14 | NA | Mon 12/15/14 | NA | 0% |
| 81 | | 1.7.4.5 Finalize planning activities | 30 days | 75,68,64,80 | Tue 2/16/16 | NA | Mon 3/28/16 | NA | 0% |
| 82 | | 1.7.4.6 Formalize cooperative project agreements between the BIA/BIE/Tribe/Villages | 30 days | 81 | Tue 3/29/16 | NA | Mon 5/9/16 | NA | 0% |
| 83 | | 1.7.4.7 Planning Agreement Close-Out | 100 days | 82 | Tue 5/10/16 | NA | Mon 9/26/16 | NA | 0% |
| 84 | | **1.8 Design Activities** | **2237 days** | | **Fri 11/4/11** | **Fri 11/4/11** | **Thu 11/24/16** | **NA** | **20%** |
| 85 | ✓ | 1.8.1 Preliminary Hydraulic Analysis | 55 days | | Mon 10/7/13 | Mon 10/7/13 | Fri 12/20/13 | Fri 12/20/13 | 100% |
| 86 | ✓ | 1.8.2 Preliminary Route Identification | 90 days | 4 | Fri 11/4/11 | Fri 11/4/11 | Thu 3/8/12 | Thu 3/8/12 | 100% |
| 87 | ✓ | 1.8.3 Final Pipeline Alignment | 30 days | 86,56 | Fri 12/13/13 | Fri 12/13/13 | Thu 1/23/14 | Thu 1/23/14 | 100% |
| 88 | | 1.8.4 Prepare Map of Proposed Location | 300 days | 87,98,99,120 | Fri 1/24/14 | Fri 1/24/14 | Thu 3/19/15 | NA | 25% |
| 89 | | 1.8.5 Obtain Signed Land Use Concurrences and/or Tribe-Village Agreements from all Villages | 290 days | 87,120 | Fri 1/24/14 | NA | Thu 3/5/15 | NA | 0% |
| 90 | | 1.8.6 Final Hydraulic Analysis | 60 days | 85,95,89,98,99,120 | Fri 3/6/15 | NA | Thu 5/28/15 | NA | 0% |
| 91 | | 1.8.7 Water Plans and Specs Drafted (Phase 1) | 270 days | 90 | Fri 5/29/15 | NA | Thu 6/9/16 | NA | 0% |
| 92 | | 1.8.8 Water Plans and Specs Reviewed | 90 days | 91 | Fri 6/10/16 | NA | Thu 9/1/16 | NA | 0% |
| 93 | | 1.8.9 Water Plans and Specs Completed | 90 days | 92,87,90 | Fri 9/2/16 | NA | Thu 11/24/16 | NA | 0% |
| 94 | | **1.9 Construction Loan and Grant Funding** | **1261 days** | | **Wed 9/18/13** | **Tue 9/2/14** | **Wed 4/13/16** | **NA** | **0%** |
| 95 | ✓ | 1.9.1 Preliminary Engineering Report Complete | 1 day | 16 | Thu 9/4/14 | Thu 9/4/14 | Thu 9/4/14 | Thu 9/4/14 | 100% |
| 96 | ✓ | 1.9.2 Strategic Plan Complete | 1 day | 47 | Tue 9/2/14 | Tue 9/2/14 | Tue 9/2/14 | Tue 9/2/14 | 100% |
| 97 | | 1.9.3 EA and NEPA Documents Complete | 1 day | 39 | Fri 2/6/15 | NA | Fri 2/6/15 | NA | 0% |
| 98 | | 1.9.4 USDA/RD Review of 2014 Preliminary Engineering Report and Design | 90 days | 95,96,97,120 | Mon 12/5/16 | NA | Sun 3/5/17 | NA | 0% |
| 99 | | 1.9.5 Tribal Audit Documents Available and Complete | 400 days | 120 | Wed 9/18/13 | NA | Tue 3/31/15 | NA | 0% |
| 100 | | 1.9.6 USDA/RD Funding Application Submitted by Tribe | 30 days | 95,96,97,99 | Wed 4/1/15 | NA | Tue 5/12/15 | NA | 0% |
| 101 | | 1.9.7 USDA/RD Application Processing | 120 days | 100 | Wed 5/13/15 | NA | Tue 10/27/15 | NA | 0% |
| 102 | | 1.9.8 USDA/RD Funding Decision | 1 day | 101 | Wed 10/28/15 | NA | Wed 10/28/15 | NA | 0% |
| 103 | | 1.9.9 Receipt of Contributions from Cooperating Agencies (BIA, HTHA, Tribe, IHS, EPA, CDBG) | 120 days | 102 | Thu 10/29/15 | NA | Wed 4/13/16 | NA | 0% |
| 104 | | **2 CONSTRUCTION** | **712 days** | | **Fri 11/25/16** | **NA** | **Mon 8/19/19** | **NA** | **0%** |
| 105 | | 2.1 Construction Advertisement | 60 days | 93,52,102 | Fri 11/25/16 | NA | Thu 2/16/17 | NA | 0% |
| 106 | | 2.2 Bid Opening | 2 days | 105 | Fri 2/17/17 | NA | Mon 2/20/17 | NA | 0% |
| 107 | | 2.3 Notice of Award | 60 days | 106 | Tue 2/21/17 | NA | Mon 5/15/17 | NA | 0% |
| 108 | | 2.4 Notice to Proceed | 30 days | 107 | Tue 5/16/17 | NA | Mon 6/26/17 | NA | 0% |
| 109 | | 2.5 HAMP Construction | 380 days | 108 | Tue 6/27/17 | NA | Mon 12/10/18 | NA | 0% |
| 110 | | 2.6 Final Inspection | 60 days | 109 | Tue 12/11/18 | NA | Mon 3/4/19 | NA | 0% |
| 111 | | 2.7 Facilities Start Up and Operator Training | 60 days | 110 | Tue 3/5/19 | NA | Mon 5/27/19 | NA | 0% |
| 112 | | 2.8 Deliver As-Built Plans and Specs to the Tribe | 30 days | 110 | Tue 3/5/19 | NA | Mon 4/15/19 | NA | 0% |
| 113 | | 2.9 Deliver Final Map of Definite Location to the Tribe | 30 days | 110 | Tue 3/5/19 | NA | Mon 4/15/19 | NA | 0% |
| 114 | | 2.10 Transfer Facilities to the HPUA | 60 days | 111,112,113,121 | Tue 5/28/19 | NA | Mon 8/19/19 | NA | 0% |
| 115 | | **3 UTILITY AUTHORITY FORMATION** | **1588 days** | | **Thu 5/16/13** | **Thu 5/16/13** | **Thu 3/2/17** | **NA** | **25%** |
| 116 | ✓ | 3.1 Tribal Resolution to Create new Utility Authority and Commission | 1 day | 47 | Thu 5/16/13 | Thu 5/16/13 | Thu 5/16/13 | Thu 5/16/13 | 100% |
| 117 | ✓ | 3.2 Funding of Utility Authority Director Position | 794 days | 116 | Fri 5/17/13 | Fri 5/17/13 | Thu 2/5/15 | Wed 6/1/16 | 100% |
| 118 | | 3.3 Selection of Utility Commissioners | 90 days | 117,120 | Fri 2/6/15 | NA | Thu 6/11/15 | NA | 0% |
| 119 | | 3.4 Selection of Utility Authority Governing Board | 90 days | 118 | Fri 6/12/15 | NA | Thu 10/15/15 | NA | 0% |
| 120 | ✓ | 3.5 Selection of Utility Authority Director | 70 days | 117 | Fri 10/16/15 | Tue 8/30/16 | Thu 2/18/16 | Mon 12/5/16 | 100% |
| 121 | | 3.6 Staffing of Utility Authority | 90 days | 120 | Fri 2/19/16 | Tue 12/6/16 | Thu 6/23/16 | NA | 33% |
| 122 | | 3.7 Formalized Agreement to Purchase/Provide Water between HPUA and the Individual Villages | 450 days | 116,120 | Fri 5/17/13 | NA | Thu 2/5/15 | NA | 0% |
| 123 | | 3.8 Creation of metering and rate policies | 120 days | 122 | Fri 2/6/15 | NA | Thu 7/23/15 | NA | 0% |
| 124 | | 3.9 Finalize Water Use Charges and Rates | 90 days | 123 | Fri 7/24/15 | NA | Thu 11/26/15 | NA | 0% |
| 125 | | 3.10 Creation of Utility Asset Register | 180 days | 121 | Fri 6/24/16 | NA | Thu 3/2/17 | NA | 0% |
| 126 | | 3.11 O&M Plan Creation | 90 days | 121 | Fri 6/24/16 | NA | Thu 10/27/16 | NA | 0% |
| 127 | | 3.12 Sampling and Analysis Plan | 90 days | 121 | Fri 6/24/16 | NA | Thu 10/27/16 | NA | 0% |
| 128 | | 3.13 Creation of Preventive Maintenance Schedules | 120 days | 121 | Fri 6/24/16 | NA | Thu 12/8/16 | NA | 0% |
| 129 | | 3.14 Acquisition of HPUA vehicles, equipment, and spare parts | 180 days | 121 | Fri 6/24/16 | NA | Thu 3/2/17 | NA | 0% |
| 130 | | 3.15 Acquisition of HPUA Offices and Facilities | 120 days | 121 | Fri 6/24/16 | NA | Thu 12/8/16 | NA | 0% |
| 131 | | 3.16 Create Personnel Safety Procedures Manual | 120 days | 121 | Fri 6/24/16 | NA | Thu 12/8/16 | NA | 0% |
| 132 | | 3.17 Create Emergency Response Plans | 90 days | 121 | Fri 6/24/16 | NA | Thu 10/27/16 | NA | 0% |
| 133 | | 3.18 Operator Training and Certification | 180 days | 121 | Fri 6/24/16 | NA | Thu 3/2/17 | NA | 0% |
| 134 | | 3.19 Development of Utility Codes, Standards, and Policies | 180 days | 121 | Fri 6/24/16 | NA | Thu 3/2/17 | NA | 0% |
| 135 | | 3.20 Acquisition of Liability Insurance | 60 days | 121 | Fri 6/24/16 | NA | Thu 9/15/16 | NA | 0% |
| 136 | | 3.21 Acquire Billing and Accounting Software | 60 days | 121 | Fri 6/24/16 | NA | Thu 9/15/16 | NA | 0% |
| 137 | | 3.22 Financial Plan | 120 days | 121 | Fri 6/24/16 | NA | Thu 12/8/16 | NA | 0% |
| 138 | | 3.23 Contract with Independent Accountant to provide financial controls | 60 days | 121 | Fri 6/24/16 | NA | Thu 9/15/16 | NA | 0% |
| 139 | | 3.24 Development of Design and Construction Standards | 180 days | 121 | Fri 6/24/16 | NA | Thu 3/2/17 | NA | 0% |
| 140 | | **4 GRID POWER PROVISION AT WELL SITES** | **2107 days** | | **Tue 9/2/14** | **Tue 9/2/14** | **Wed 5/13/20** | **NA** | **0%** |
| 141 | | 4.1 Tribe complete power negotiations with APS or NTUA | 90 days | 59,16,47,120 | Tue 9/2/14 | Tue 9/2/14 | Mon 1/6/14 | NA | 0% |
| 142 | | 4.2 Finalize Planning, Design, and Alignment of Power Line | 90 days | 141 | Tue 1/6/15 | NA | Mon 5/11/15 | NA | 0% |
| 143 | | 4.3 Complete Environmental Assessment for Power Extension | 365 days | 142 | Tue 5/12/15 | NA | Mon 10/3/16 | NA | 0% |
| 144 | | 4.4 Establish ROW/Easement with Hopi Realty | 90 days | 143 | Tue 10/4/16 | NA | Mon 2/6/17 | NA | 0% |
| 145 | | 4.5 Obtain formal ROW/Easements with BIA Western Region (and Navajo Region if Applicable) | 730 days | 144 | Tue 2/7/17 | NA | Mon 11/25/19 | NA | 0% |
| 146 | | 4.6 Fund Power Extension | 0 days | 141,102 | Wed 10/28/15 | NA | Wed 10/28/15 | NA | 0% |
| 147 | | 4.7 Construct Power Extension | 60 days | 145,146 | Tue 11/26/19 | NA | Mon 2/17/20 | NA | 0% |
| 148 | | 4.8 Install Service Connections and Meters at Well Sites | 2 days | 147 | Tue 2/18/20 | NA | Wed 2/19/20 | NA | 0% |
| 149 | | 4.9 Switch from Generator Power to Grid Power (if applicable) | 0 days | 148,110 | Wed 2/19/20 | NA | Wed 2/19/20 | NA | 0% |
| 150 | | 4.10 Provide As-Builts to Relevant Parties | 90 days | 148 | Thu 2/20/20 | NA | Wed 5/13/20 | NA | 0% |
| 151 | | **5 IHS PROJECT NUMBER, FUNDING SOURCE {FUND AMOUNT}** | **4759 days** | | **Sun 1/21/01** | **Wed 1/21/04** | **NA** | **NA** | **62%** |
| 152 | ✓ | 5.1 EPA Arsenic MCL Reduction from 50ppb to 10ppb by 1/23/2006 | 524 days | | Sun 1/21/01 | Wed 1/21/04 | Mon 1/23/06 | Mon 1/23/06 | 100% |
| 153 | ✓ | 5.2 PH 04-S63, IHS {$800,000} | 3110 days | 152 | Tue 9/28/04 | Tue 9/28/04 | NA | Mon 8/29/16 | 100% |
| 154 | ✓ | 5.3 PH 06-D33, IHS {$205,000} | 2591 days | 152 | Mon 9/25/06 | Mon 9/25/06 | NA | Mon 8/29/16 | 100% |
| 155 | ✓ | 5.4 PH 08-T38, IHS {$150,000} | 2064 days | 152 | Wed 10/1/08 | Wed 10/1/08 | NA | Mon 8/29/16 | 100% |
| 156 | ✓ | 5.5 PH 10-E37, EPA {$1,857,400} | 1608 days | 152 | Thu 7/1/10 | Thu 7/1/10 | NA | Mon 8/29/16 | 100% |
| 157 | | 5.6 PH 11-E55, EPA {$1,100,000} | 1498 days | 152 | Thu 11/3/11 | Thu 11/3/11 | Mon 7/31/17 | NA | 56% |
| 158 | | 5.7 PH 12-E73, EPA {$1,233,458} | 1302 days | 152 | Fri 8/3/12 | Fri 8/3/12 | Mon 7/31/17 | NA | 2% |
| 159 | | 5.8 PH 14-U62, EPA {$985,000} | 2000 days | 152 | Tue 8/19/14 | Tue 8/19/14 | Sun 12/30/18 | NA | 0% |
| 160 | | 5.9 PH 14-E90, Tribe-BIA-IHS (Tribe: $20,000, BIA $150,000, IHS $50,000} PENDING BIA APPROVAL AND FUNDING SINCE 3/26/2015 | 821 days | 152,79 | Mon 10/13/14 | NA | Mon 9/26/16 | NA | 0% |
| 161 | | 5.10 PH 15-U76, EPA {$700,000} | 1000 days | 152 | Tue 8/18/15 | Tue 8/18/15 | Sun 12/30/18 | NA | 0% |
| 162 | | 5.11 PH 15-E88, Tribe AML: Shungopavi {$200,000} | 730 days | 152 | Tue 10/6/15 | Tue 10/6/15 | NA | NA | 0% |