## NEW Requirements (Where to Find)

**Fact Sheet page numbers subject to slight change upon int review

| Permit Topic | Requirement | Word Permit (RLSO) | | Tempo Permit | | Fact Sheet (RLSO) |
|---|---|---|---|---|---|---|
| | (NEW requirements in red) | Page | Section | Page | Section | Page** |
| **Facility Description** | | | | | | |
| | Facility Description | 3-11 | | 3-12 | | 14-22 |
| | Location Maps | 12-19 | | 13-20 | | 7 - 13 |
| | Flow Diagrams | 20-21 | | 21-22 | | 24-25 |
| | Summary of Monitoring Locations | 22-31 | | 23-40 | | Attach. 1 |
| **Permit Requirements** | | | | | | |
| Permit Requirements - SD Stations | Discharge must not violate WQS | 32 | NEW | 65 | 5.119.1 | 44 |
| | Permit reopener - WWTS | 32 | NEW | 65 | 5.119.2 | 44 |
| | Sampling locations; General Requirements | 32 | | 65; 83 | 5.119.3-5.130.4; 5.173.21-5.173.35 | 48-58 |
| Chronic Toxicity Testing | TUc limit of 1.0 | 33 | 6.3.2 | 66 | 5.120.2 | 59 |
| | Quarterly monitoring | 33 | 6.3.6 | 66 | 5.120.3 | 59 |
| | WET boilerplate | 33-35 | | 66-67 | 5.120.1-5.120.24 | 59 |
| Permit Requirements - SW Stations | Sampling locations; General Requirements | 35-36 | | 70-74; 83-84 | 5.131.1-5.145.4; 5.174.36-5.174.43 | na |
| Permit Requirements - WS Stations | Sampling locations; General Requirements | 36-37 | | 75-82; 84 | 5.146.1-5.169.4; 5.175.44-5.175.47 | na |
| Permit Requirements - GW Stations | Sampling locations; General Requirements | 37 | | 41-65; 82 | 5.1.1-5.118.4; 5.172.11-5.172.20 | na |
| Mercury | Mercury Minimization Plan | 38 | NEW | 90-91 | 5.177.97-5.177.102 | 88 |
| Nitrogen | | 38-39 | | | | 60 |
| **Special Requirements** | | | | | | |
| Allowable Discharge | Annual flow limit | 40 | 6.10.8 | 85 | 5.176.55 | 61-63 |
| No unauthorized discharge - Plant Site | No discharge from FTB pond or systems | 40 | 6.10.26 | 85 | 5.176.58-5.176.59 | 67 |
| FTB Capture System - Construction | General design requirements | 40 | NEW | 85 | 5.176.61; 5.176.63 | 68 |
| | Proposed changes need MPCA approval | 40-41 | NEW | 85 | 5.176.62 | 68 |
| | Certification, O&M Manual, as-builts | 41 | NEW | 85-86 | 5.176.64 | 68 |
| FTB Capture System - Water Mgmnt | Definition of 'fully constructed' | 41 | NEW | 86 | 5.176.68 | 72-74 |
| FTB Capture System - Operation | 14 day reestablishment of inward gradient | 42 | NEW | 87 | 5.176.76 | 70-71 |
| FTB Capture System - Redundancy | Requirement for onsite spare equipment | 42 | NEW | 87 | 5.176.79 | 68 |
| No unauthorized discharge - Mine Site | Updated language | 42 | 6.10.17 | 88 | 5.176.81 | 63-66, 70 |
| Cat 1 Capture System - Construction | General design requirements | 43 | NEW | 88 | 5.176.84 | 63 |
| | Proposed changes need MPCA approval | 43 | NEW | 88 | 5.176.85 | 64 |
| | Certification, O&M Manual, as-builts | 43 | NEW | 88 | 5.176.86 | 64 |
| Cat 1 Capture System - Operation | 14 day reestablishment of inward gradient | 44 | 6.10.21/NEW | 89 | 5.176.90 | 70-71 |
| Cat 2/3, Cat 4, OSP Construction | General design requirements | 44 | NEW | 89-90 | 5.176.92-5.176.93 | 63 |
| | Certification, O&M Manual, as-builts | 44-45 | NEW | 90 | 5.176.94 | 64 |
| WWTS Construction | General design requirements | 45 | NEW | 98 | 5.182.173 | 68 |
| | Proposed changes need MPCA approval | 45 | NEW | 98 | 5.182.174 | 68 |
| | Certification, O&M Manual, as-builts | 45 | NEW | 98 | 5.182.175 | 68 |
| WWTS Operating Limits | Sulfate | 45-46 | | 98-100 | 5.182.177-5.182.186 | 35; 45-46 |
| | Metals - added As, Co, Pb, Ni, Hg | 47 | 6.10.42 | 100 | 5.182.188 | 37; 38-39; 46 |
| WWTS Effluent Stabilization | No added Al | 47 | NEW | 100 | 5.182.192 | 38 |
| Attenuation of Legacy Pollutants | | 47 | | 100 | 5.182.193-5.182.197 | 74-77 |
| Model Verification Report | Added Adapt Mgmnt/Permit mod lang | 48-49 | 6.10.56/6.10.62 | 101-102; 102 | 5.182.204; 5.182.211 | 80-81; 83-84 |
| Annual GW Report | Added proactive language | 50 | 6.10.69 | 103 | 5.182.218 | 83 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | Added Adapt Mgmnt/Permit mod lang | 50 | 6.10.69 | 104 | 5.182.218 | 83-84 | | |
| Comp Performance Eval Report | Added proactive language | 51 | 6.10.73 | 105 | 5.182.222 | 83 | | |
| | Added Adapt Mgmnt/Permit mod lang | 52 | 6.10.73 | 105 | 5.182.222 | 83-84 | | |
| HRF | General requirements | 52-55 | | 106-109 | 5.182.224-5.182.241 | 84-86 | | |
| | Added PE requirement | 52 | 6.10.80/6.10.81 | 106 | 5.182.229; 5.182.230 | na | | |
| | Added review of proposed monitoring | 55 | 6.10.92 | 109 | 5.182.235 | 87 | | |
| | Prohibition of construct if bad site cond. | 55 | 6.10.96 | 109 | 5.182.239 | 87 | | |
| | Added work plan/Permit mod lang | 55 | NEW | 109 | 5.182.241 | 83-84 | | |
| Industrial Process WW Boilerplate | | 55-57 | | 91-93 | 5.178.107-5.178.121 | na | | |
| EQ Basins | General requirements | 57-59 | | 93-96 | 5.179.122-5.179.150 | 66-67 | | |
| | Specified params for underdrain monit | 58 | 6.12.10 | 94 | 5.179.132 | na | | |
| | Requirement for onsite spare equipment | 59 | NEW | 96 | 5.179.150 | 67 | | |
| | | | | | | | | |
| Metallic Mining Boilerplate | | 60 | | 96-97 | 5.180.151-5.180.156 | na | | |
| Domestic WW/Ponds Boilerplate | | 60-61 | | 97-98 | 5.181.157-5.181.171 | na | | |
| | Clarify Sewage Pond discharge to FTB only | 61 | NEW | 97 | 5.181.165 | na | | |
| Stormwater Boilerplate | | 61-62 | | 109-110 | 5.183.242-5.183.252 | 78-80 | | |
| Total Facility Requirement Boilerplate | | 62-70 | | 110-119 | 5.184.253-5.184.309 | 86 | | |
| | | | | | | | | |
| **Submittal Action Summary** | | 71-73 | | 120-141 | 6.1.1-6.173.4 | 87 | | |
| | | | | | | | | |
| **Monitoring and Limit Requirements** | | 74-103 | | | | Attach. 1 | | |
| | Added dissolved iron TBEL | 74 | 8.1.1 | 346 | SD001 | 41 | | |
| | Added OLs for As, Co, Pb, Ni, Hg | 77 | 8.1.3 | 419 | WS074 | 38-39; 46 | | |
| | Added dis. Hg per MPCA Merc Strategy | 79 | 8.1.4 | 346 | SD001 | 88 | | |
| | Clarified parameter nomenclature (tot vs dis) | 74-103 | | yes | na | Attach. 1 | | |
| | Updated maps | 74-103 | | yes | na | Attach. 1 | | |
| | | | | | | | | |
| **Additional Fact Sheet Items** | | | | | | | | |
| Receiving Water Description | | | | | | 28-30 | | |
| Reasonable Potential | Sulfate | | | | | 31-35 | | |
| | Copper | | | | | 35-38 | | |
| | Other metals/parameters | | | | | 38 | | |
| TBELs | Added subp. A (dis. iron) | | | | | 41 | | |
| | Comparison of TBELs to WQS and OLs | | | | | 41-44 | | |
| Monitoring Rationale | Discussion of monitoring groups | | | | | 48-58 | | |
| | Rationale for no limits for secondary trtmnt | | | | | 56 | | |
| | | | | | | | | |
| | | | | | | | | |