

CROMERR Application Cover Sheet

Complete for each system addressed by the application.

For additional systems, please make copies of this page.

| System 1 of 1 | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-----------------------|--------------------|----------------------|-----------------|
| System Name: | eAuth | | | | | |
| Please complete the information below for each report received by this system. For additional reports, please make copies of this page. | | | | | | |
| Report Name | 40 CFR Citation | Office | Applicable EPA Region | Requires Signature | Electronic Signature | Priority Report |
| Water | | | | | | |
| CSO Operational Plans | 122.21 | Office of Water | 5 | Yes | Yes | Yes |
| Long Term Control Plans (CSO) | 122.21 | Office of Water | 5 | Yes | Yes | Yes |
| SRCERs (CSO) | 122.21 | Office of Water | 5 | Yes | Yes | Yes |
| DMR - QA Reports | 122.22 | Office of Water | 5 | Yes | Yes | Yes |
| Annual Report for Ind SW GP | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| Construction Storm Water Pollution Prevention Plan(s) | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| Industrial Storm Water Pollution Prevention Plan(s) | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| Industrial SW - No Exposure certification | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Certification for Development Implementation to Reduce Pollution Runoff form Municipal Operations | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Certification for Development, Implementation, Management & Enforcement for Post-Construction Storm water | 122.26 | Office of Water | 5 | Yes | Yes | Yes |

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| MS4 Certification for Development, Implementation, Management & Enforcement of Sediment Control | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Certification for Illicit Discharge Detection | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Certification for Public Education and Outreach | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Certification for Public Participation and Involvement | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Storm Water Annual Report | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 Summary of Construction Projects | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Quality Management Plan Part. A | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Quality Management Plan Part. A - Checklist | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Quality Management Plan Part. B | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Quality Management Plan Part. B - Checklist | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Quality Management Plan Part. C | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Quality Management Plan Part. C - Checklist | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| MS4 SW Sampling Data Results | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| No Discharge Exclusion certification for Ind. SW GP | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| QA Monitoring Reports for Construction SW general permit | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| Storm water sampling results for any general permits | 122.26 | Office of Water | 5 | Yes | Yes | Yes |
| SWP3 | 122.26 | Office of | 5 | Yes | Yes | Yes |

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| Certification Checklist | | Water | | | | |
| Responses to compliance/enforcement related actions | 123.27 | Office of Water | 5 | Yes | Yes | Yes |
| TMDL Studies conducted by non-IDEM entities | 130.7 | Office of Water | 5 | Yes | Yes | Yes |
| Annual pretreatment program reports | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| Organic Pollutant Scan Results | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| PT Enforcement Referral Guides | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| PT SIU Quarterly Reports | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| Quarterly pretreatment program reports | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| Sewer Use Ordinances | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| Sludge Analytical Reports (PT) | 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| Application for a Site-specific effluent limit (NPDES) | 122.21(m) and 122.21(n) | Office of Water | 5 | Yes | Yes | Yes |
| Application for a Variance | 122.21(m) and 122.21(n) | Office of Water | 5 | Yes | Yes | Yes |
| Notice of Termination for storm water general permit | 122.26 and 123.25(a)(2 3) | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 24-hour reporting requirement | 122.44(g) | Office of Water | 5 | Yes | Yes | Yes |
| DMR form for NPDES & IWP permits | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |
| CSO DMR | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |
| CSO MRO | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |
| CSO Treatment Fac. DMR | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |
| CSO Treatment Fac. MRO | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |
| TTO scan testing results | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |
| Whole Effluent Toxicity testing results and TIEs and TREs | 122.44(i)(2) | Office of Water | 5 | Yes | Yes | Yes |

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| POTW submission of a local PT program | 122.44(j)(2) and 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| NOI letter for general permits | 123.25(a)(1) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| Periodic NPDES compliance schedule reports | 123.25(a)(1) 8) | Office of Water | 5 | Yes | Yes | Yes |
| Permit Transfer Requests | 123.25(a)(2) 1) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| Permit Modification Requests | 123.25(a)(2) 2) | Office of Water | 5 | Yes | Yes | Yes |
| Permit Termination Requests | 123.25(a)(2) 3) | Office of Water | 5 | Yes | Yes | Yes |
| Public comments & Request for Hearings (NPDES) | 123.25(a)(2) 9) | Office of Water | 5 | Yes | Yes | Yes |
| Comments from govt agencies (NPDES) | 123.25(a)(3) 4) | Office of Water | 5 | Yes | Yes | Yes |
| Application for Water Treatment Additives (NPDES) | 123.25(a)(4)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 2A application | 123.25(a)(4)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 2C application | 123.25(a)(4)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 2D application | 123.25(a)(4)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 2E application | 123.25(a)(4)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 2B application | 123.25(a)(7)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES 2F application | 123.25(a)(9)) and 124.3 | Office of Water | 5 | Yes | Yes | Yes |
| Bypass/Overflow reporting | 123.26(a) & 122.44(g) | Office of Water | 5 | Yes | Yes | Yes |
| Noncompliance notification by permittee | 123.26(a) & 122.44(g) | Office of Water | 5 | Yes | Yes | Yes |
| Noncompliance notification of a permittee by the public | 123.26(b)(4)) | Office of Water | 5 | No | No | Yes |
| Use Attainability Analysis | 131.10(j) | | 5 | | | Yes |
| Application for an Antidegradation Demonstration | 132, Appendix E, Part III | Office of Water | 5 | Yes | Yes | Yes |

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| Pollutant Minimization Program Plans (for variances) | 132, Appendix F | Office of Water | 5 | Yes | Yes | Yes |
| Monitoring Report | 141.31 | Office of Water | 5 | Yes | Yes | Yes |
| POTW Pretreatment Baseline Monitoring Report | 403.12(b) | Office of Water | 5 | Yes | Yes | Yes |
| Periodic Pretreatment compliance schedule reports | 403.12(b)(7) | Office of Water | 5 | Yes | Yes | Yes |
| Pretreatment DMR form | 403.12(e) | Office of Water | 5 | Yes | Yes | Yes |
| Annual Pretreatment Report | 403.12(i) | Office of Water | 5 | Yes | Yes | Yes |
| Notification of Changed Discharge (PT) | 403.12(j) | Office of Water | 5 | Yes | Yes | Yes |
| Annual Certification by Non-significant CIUs (PT) | 403.12(q) | Office of Water | 5 | Yes | Yes | Yes |
| Permit Transfers for CIUs/SIUs (PT) | 403.8(f)(1) | Office of Water | 5 | Yes | Yes | Yes |
| Application for Industrial Wastewater Pretreatment Permit | 122.21(f) and 403.8 | Office of Water | 5 | Yes | Yes | Yes |
| NPDES Application for Semipublic Wastewater Treatment Permit | 122.21(f) | Office of Water | 5 | Yes | Yes | Yes |
| NPDES Application for Public Water Supply Permit | 122.21(f) and (h) | Office of Water | 5 | Yes | Yes | Yes |
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| Air | | | | | | |
| Emissions Report | 51, Subpart A | Office of Air Quality | 5 | Yes | Yes | Yes |
| Miscellaneous Notifications and Reports | 60 (NSPS) | Office of Air Quality | 5 | Yes | Yes | Yes |
| Asbestos Notifications | 61.145 | Office of Air Quality | 5 | Yes | Yes | No |
| Miscellaneous Notifications and Reports | 61-63 (MACT & NESHAP | Office of Air Quality | 5 | Yes | Yes | Yes |

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| Annual Compliance Certification | 70.6 | Office of Air Quality | 5 | Yes | Yes | Yes |
| Quarterly Reports | 70.6 | Office of Air Quality | 5 | Yes | Yes | Yes |
| Quarterly deviation and compliance Monitoring Reports | 70.6 | Office of Air Quality | 5 | Yes | Yes | Yes |
| Miscellaneous Notifications and Reports | 70.6 | Office of Air Quality | 5 | Yes | Yes | Yes |
| Emergency occurrence report | 70.6 | Office of Air Quality | 5 | Yes | Yes | Yes |
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| Land | | | | | | |
| 312 Reporting - Hazardous Chemical Inventory Form (Tier II) | 312 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | No |
| Significant Manifest Discrepancy Report | 264.72(b), 265.72(b) | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Biennial Report | 264.75, 262.41 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | No |
| Unmanifested Waste Report | 264.76, 265.76 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Noncompliance Report | 264.1090 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Notification—Low Level Mixed Waste. | 266.345 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Notification—Land Disposal Restrictions. | 268.9(d) | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Annual Ground Water Monitoring Report | 265.94 | Office of Solid Waste and Emergency | 5 | No | No | No |

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| | | Response | | | | |
| Resource Conservation and Recovery Act Permit Applications and Modifications. | 270.11, 270.42 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Certification of Closure and Post Closure Care, Post-Closure Notices. | 264.115, 264.119, 264.119(b)(2), 264.120, 265.115, 265.119(b)(2), 265.120, 265.19 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Certification of Testing Lab Analysis | 270.63 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Underground Storage Tank Notification. | 280.22 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |
| Free Product Removal Report and Subsequent Investigation Report. | 280.64, 280.65 | Office of Solid Waste and Emergency Response | 5 | Yes | Yes | Yes |

Brief Overview of System:

The Indiana Department of Environmental Management (IDEM) has constructed a consolidated web-based system, referred to as eAuth, as the single point of access for control/mediation of a set of web-based functionalities:

- application access
- application security
- user authentication
- user authorization
- electronic signatures
- CROMERR-related requirements.

These functionalities are responsible for achieving Cross-Media Electronic Reporting Requirements (CROMERR) compliancy for applications utilizing eAuth's capabilities.

The eAuth system consists of a robust, modular framework of sub-systems which isolate various aspects of application access, registration, authentication, authorization, document submission, electronic signatures and in-band and out-of-band email notifications.

The eAuth system also consists of a collection of relying applications collectively referred to as eAuth Enable Applications (eA-EApp). All application offerings accessed via the eAuth system are required to adhere to a well-defined set of business rules, process flows and system architectures. eA-EApp's are listed on the IDEM eAuthentication Portal (eA-Portal) – the single point of entry into the eAuth system and the only point from which an eA-EApp can be accessed.

eA-EApp's are architected to be tightly coupled to eAuth sub-systems and must adhere to a well-defined set of business rules and system architectures to leverage the above mentioned functionalities. In effect, eA-EApp's 'plug' into and are inseparable from the eAuth system as a whole. Current eA-App's include EMITS (40 CFR 51 Subpart A - Emission Report and eDMR (40 CFR 122.44(i)(2) - DMR form for NPDES & IWP permits, CSO DMR, CSO MRO, CSO Treatment Fac. DMR, CSO Treatment Fac. MRO).

All eA-EApp's require users to complete a registration process specific to that particular eA-EApp in order to gain access. A special group, eAuth Enabled Applications – CROMERR (eA-EApp-C), extend the standard registration process to include additional steps required to achieve Cross-Media Electronic Reporting Requirements (CROMERR) compliance.

Attachments included in this application for this system:

- Attachment 1: eAuth System Support Document (eAuth_080718_final_final_04_01.doc)
- Attachment 2: IDEM CROMERR SOFTWARE DEVELOPMENT DOCUMENT (IDEM_CROMERR SDD draft.doc)
- Attachment 3: Cross-Media Electronic Reporting and Records Rule Information Collection Request (EPA-HQ-OEI-2007-0412-0003[1].doc)
- Attachment 4: Subscriber Agreement (Subscriber Agreement.doc) (DEPRECATED, no replacement)
- Attachment 5: Oracle Database Standards Guide (Database_Standards_SOP.doc)
- Attachment 6: eAuthentication New User Registration PROCESS (eAuthNewUserRegistration.vsd)
- Attachment 7: eSignature Process Flow Sequence (eSignatureDocSubmissionSeqProcess.vsd)
- Attachment 8: BACKUP SERVER SCHEDULE from IOT (IOT BACKUP SERVER SCHEDULE.doc)
- Attachment 9: State of Indiana Disaster Recovery Plan 2008 (IOT Disaster Recover Plan2008.doc)
- Attachment 10: Information Security Framework (IOT Information Security Framework.doc)
- Attachment 11: IOT Physical Security (IOT Physical Security.pdf)
- Attachment 12: RECORDS RETENTION AND DISPOSITION SCHEDULE - OAQ (OAQ Retention Schedule 6-30-08 Draft.docm)
- Attachment 13: RECORDS RETENTION AND DISPOSITION SCHEDULE - OWQ (OWQ Retention Schedule Draft 15.docm)
- Attachment 14: ICPR approval for the IDEM Virtual File Cabinet under IC 5-15-1-1 (ICPR-VFC.PDF)
- Attachment 15: Virtual File Cabinet Design Specifications Document (IDEM VFC Design Specifications 04282006.doc)
- Attachment 16: EXECUTIVE DOCUMENT SUMMARY - VFC Maintenance Contract (VFC_Maintenance Contract.tif)
- Attachment 17: CROMERR eSignature System Design Document (CROMERR SDD draft.doc)
- Attachment 18: IDEM CROMERR Checklist Submittal (CROMERR_Checklist_July2008.doc)
- Attachment 19: Cross-Media Electronic Reporting; Final Rule (CROMERRfinalrule101305.pdf)
- Attachment 20: Examples (Examples.doc)
- Attachment 21: Copy of Record Image.pdf

Description of how this system complies with CROMERR requirements under 40 CFR 3.2000

See IDEM CROMERR Checklist Submittal (Standalone) OR Attachment 18 - IDEM CROMERR Checklist Submittal

Schedule of planned upgrades or changes to this system:

eSignature capabilities will be implemented upon complete or conditional system approval. No upgrades to the system are anticipated for the foreseeable future (1-2 yrs.). Additional receiving system report submissions are being contemplated in 2009.

Other Attachments (Please list):