

Metro Wastewater Reclamation District
Environmental Management System for Biosolids

Element 10: Wastewater Transmissions & Pretreatment (BVC) – Significant Industrial Users (CCP) - Table

Revision: 06	Revision Date: 06/24/09	Approved By:
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PURPOSE

Controlling wastes from significant industrial users helps keep such substances from reaching the District's Central Treatment Plant (CTP) where they can interfere with treatment processes or pass through inadequately treated into receiving waters or atmosphere or adversely affect biosolids quality or constitute a hazard to humans or animals. In addition, sanitary sewer overflows containing such wastes can pose a threat to public health and the environment.

SCOPE

Significant industrial users (SIUs) may discharge non-domestic sources of pollutants that are transmitted to the District's CTP. The District's Pretreatment Program places controls on such non-domestic sources of pollutants. SIUs are industrial users subject to categorical pretreatment standards and/or that discharge more than 25,000 gallons of process wastewater per day and has a reasonable potential for adversely affecting the District's operation or for violating any pretreatment standard or requirement and/or that discharge more than five percent (5%) or more of the average dry weather hydraulic or organic capacity of the CTP and has a reasonable potential for adversely affecting the District's operation or for violating any pretreatment standard or requirement and/or designated as such by the Metro District on the basis that the industrial user has a reasonable potential for adversely affecting the District's operation or for violating any pretreatment standard or requirement. Industrial users subject to categorical pretreatment standards who never discharge more than 100 gallons per day of categorical wastewater, and who meet certain other requirements, may be designated by the Metro District as a nonsignificant categorical industrial user. The District's Pretreatment Program is implemented through an intergovernmental system, e.g., the District's connector governments may have certain responsibilities that are carried out on behalf of the District.

Operational Controls (Practices)	Applicable Legal & Other Requirements	Procedural Documents (record series code)	Monitoring & Measurement (record series code)	Responsible	
				Division/ Department	Person
Pretreatment program requirements	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	<i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)		Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Pretreatment Program Annual Report (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Metro District's Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)			Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement</i> (GOV 06)			Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Pretreatment program standard operating procedures	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	<i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel

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				Division/ Department	Person
Continued	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures –	Audits conducted by Pretreatment staff (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)	Pretreatment Annual Report Procedures (PER 10.5)		Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)	Transmission Meter/Sample Procedure Manual (PER 10.5 & on the Intranet)		Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Sewage Treatment and Disposal Agreement</i> and/or the <i>Special Connectors Agreement</i> (GOV 06)			Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Identification and location of all significant industrial users in the District's service area	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Procedures for Conducting an Industrial Waste Survey section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Survey Database and reports (IWS);	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Industrial Waste Survey Files (IWP 01.20);	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial Waste Administration Database, Pretreatment Information Management System (PIMS) and Reports (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		Industrial user permanent and year-banded files (IWP 01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement</i> (GOV 06)		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
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Continued			Field audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
Inspections	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Compliance Inspections Section of <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database Pretreatment Information Management System (PIMS) Results Module (Tab 1) and Reports (IWA)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Annual Inspections Due Report (IWA)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial User Permanent Files (IWP 01.20)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement</i> (GOV 06)		Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
			Field audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
Permits or other control mechanisms	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	The Permitting Process section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database Pretreatment Information Management System (PIMS) General Module (Tab 10, Permit Application), Permits Module, and Reports (IWA)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Permit Reapplications Due Report (IWA)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial Waste Permits Files (IWP 01)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		Industrial User Year-Banded Files (IWP 01.20)	Regulatory Compliance/ES	Industrial Waste Supervisor Administrative Personnel

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Continued	<i>Special Connectors Agreement (GOV 06)</i>		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Sampling and Monitoring Discharges	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Monitoring Program section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database Pretreatment Information Management System (PIMS) Reports (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Industrial Waste Sampling Files (OPER 55.35)		
			Industrial Users Year-Banded Files (IWP 01.20)		
			External audits or PCIs by EPA &/or CDPHE (IWP 01)		
			Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")		
Audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)					
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Industrial Waste Sampling Files (OPER 55.35)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial Users Year-Banded Files (IWP 01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Metro District's Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement (GOV 06)</i>		Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Continued			Audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel

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Data Management	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	File Organization/ Computer Data Management section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database, Pretreatment Information Management System (PIMS), and Reports (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Annual Inspections Due Report; Permit Reapplications Due Report; Periodic Compliance Reports Due Report; Discharge Violations Responses Due Report; Enforcement Action Responses Due Report; Enforcement Action Summary Report (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial Waste Survey Database and Reports (IWS)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		Industrial Waste Survey Files (IWP 01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement</i> (GOV 06)		Industrial User Permanent and Year-Banded Files (IWP 01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Enforcement	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Pretreatment Enforcement Management System section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database Pretreatment Information Management System (PIMS)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Continued	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Discharge Violations Responses Due Report, Enforcement Action Responses Due Report and Enforcement Action Report (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel

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	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial Waste Survey Database (WS);	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		Industrial User permanent or year banded files (01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement</i> (GOV 06)		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Reporting	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Program Reporting Requirements section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database Pretreatment Information Management System (PIMS)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures Pretreatment Annual Report Procedures (PER 10.5)	Annual Inspections Due Report; Permit Reapplications Due Report; Periodic Compliance Reports Due Report; Discharge Violations Responses Due Report; Enforcement Action Responses Due Report; Enforcement Action Summary Report (IWA);	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial Waste Survey Database (IWS) Industrial Users Permanent and Year-Banded Files (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Metro District's <i>Rules and Regulations Governing the Operation, Use, and Services of the System</i> (GOV 05.75)		Reports*Incident-Unusual Observ-(IWP01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel

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Continued	<i>Special Connectors Agreement</i> (GOV 06)		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Slug Control	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Pretreatment Desktop Procedures (PER 10.5)	Industrial Waste Administration Database, Pretreatment Information Management System (PIMS), and Reports (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	<i>Program Reporting Requirements section of the Procedures for Implementing the Pretreatment/Industrial Waste Control Program of the Metro District (PER 10.5)</i>	Industrial Waste Survey Database (IWS)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	CDPS Discharge Permit No. CO- 0026638 (LEG 01.05)		Industrial User Permanent File (IWP 01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Metro District's Rules and Regulations Governing the Operation, Use, and Services of the System (GOV 05.75)</i>		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement</i> (GOV 06)		Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Field audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
Pollution prevention and spill management	General Pretreatment Regulations for Existing and New Sources of Pollution (40 CFR Part 403)	Pollution Prevention Section and Hazardous, Unusual, or Suspicious Discharges Section of the <i>Procedures for Implementing the Pretreatment Industrial Waste Control Program of the Metro District</i> (PER 10.5)	Industrial Waste Administration Database, Pretreatment Information Management System (PIMS), and Reports (IWA)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	Colorado Pretreatment Regulations (Regulation No. 63)	Pretreatment Desktop Procedures (PER 10.5)	Industrial Waste Survey Database (IWS)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel

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Continued	CDPS Discharge Permit No. CO-0026638 (LEG 01.05)		Industrial User Permanent File (IWP 01.20)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Metro District's Rules and Regulations Governing the Operation, Use, and Services of the System (GOV 05.75)</i>		External audits or PCIs by EPA &/or CDPHE (IWP 01)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
	<i>Special Connectors Agreement (GOV 06)</i>		Internal audits by District's auditor (IAP 01 "CONFIDENTIAL")	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel
			Field audits conducted by Pretreatment staff (IWP 01 and/or GOV 06)	Regulatory Compliance/ ES	Industrial Waste Supervisor Administrative Personnel