Appendix 2

Insight Lighting, Inc. Discharge Service Agreement (Industrial permit S07002)

Insight Lighting, Inc.

FACT SHEET

As of October 1, 2020

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GENERAL INFORMATION

Applicant Name:	Insight Lighting, Inc.
Primary Contact:	Craig Barta, Facilities Manager
	505-345-0888 (office), 505-918-1685 (cell)
Secondary Contact:	Glenn Wright, Operations Manager
	505-345-0888 (office), 505-314-4544 (cell)
Applicant Location:	4341 Fulcrum Way NE
	Rio Rancho, NM 87144
POTW Facility:	Plant 2
Permit Action:	Renewal Permit No. S07002
Original Issue Date:	December 27, 2007
Modified By:	Wendell McCall, Industrial Pretreatment Coordinator
Modification Date:	July 1, 2019 (Incorporating Streamlining Regulations)

DESCRIPTION OF APPLICANT BUSINESS OPERATION

Manufacturer of Architectural Lighting from aluminum and steel components.

SIC Code: 3646 Commercial, Industrial, and Institutional Electric Lighting Fixtures

Chandeliers, commercial
Commercial lighting fixtures
Desk lamps, commercial
Fluorescent lighting fixtures, commercial
Lighting fixtures, commercial
Luminous panel ceilings

SIC Code: 3648 Lighting Equipment, Not Elsewhere Classified

Arc lamps, except electrotherapeutic
Area and sports luminaries
Decorative area lighting fixtures, except residential
Flashlights
Floodlights
Fountain lighting fixtures
Gas lighting fixtures
Lamp fixtures, infrared
Lanterns: electric, gas, carbide, kerosene, and gasoline lighting fixtures, airport: runway, approach, taxi, and ramp

Lighting fixtures, residential, except electric
Miners' lamps
Reflectors for lighting equipment: metal
Searchlights
Spotlights, except vehicular
Stage lighting equipment
Street lighting fixtures, except traffic signals
Swimming pool lighting fixtures
Ultraviolet lamp fixtures
Underwater lighting fixtures

SIC Code: 3479 Coating, Engraving, and Allied Services, Not Elsewhere Classified

Bonderizing of metal and metal products, for the trade
Chasing on metals for the trade, for purposes other than printing
Coating (hot dipping) of metals and formed products, for the trade
Coating and wrapping steel pipe
Coating of metals with plastics and resins, for the trade
Coating of metals with silicon, for the trade
Coating, rust preventive
Dipping metal in plastics solution as a preservative, for the trade
Enameling (including porcelain) of metal products, for the trade
Engraving jewelry, silverware, and metal for the trade: except
Etching on metals for purposes other than printing
Etching: photochemical, for the trade
Galvanizing of iron and steel and end formed products, for the trade
Japanning of metal
Jewelry enameling, for the trade
Lacquering of metal products, for the trade
Name plates: engraved and etched
Painting (enameling and varnishing) of metal products, for the trade
Pan glazing, for the trade
Parkerizing, for the trade
Phosphate coating of metal and metal products, for the trade
Re-tinning of cans and utensils, not done in rolling mills
Rust proofing (hot dipping) of metals and formed products, for the
Sherardizing of metals and metal products, for the trade
Varnishing of metals products, for the trade

Hours of Operation			
		# Employees	Hours
Monday	1st Shift 2nd Shift	50 38	6AM – 3PM 7:3AM – 5PM
Tuesday	1st Shift 2nd Shift	50 38	6AM – 3PM 7:3AM – 5PM
Wednesday	1st Shift 2nd Shift	50 38	6AM – 3PM 7:3AM – 5PM
Thursday	1st Shift 2nd Shift	50 38	6AM – 3PM 7:3AM – 5PM
Friday	1st Shift 2nd Shift	50 38	6AM – 12PM 7:3AM – 12PM
Saturday	Closed		
Sunday	Closed		
NOTE: Shut down times: Holidays, Weekends and Maintenance			

DESCRIPTION OF DISCHARGES AND PRETREATMENT FACILITIES

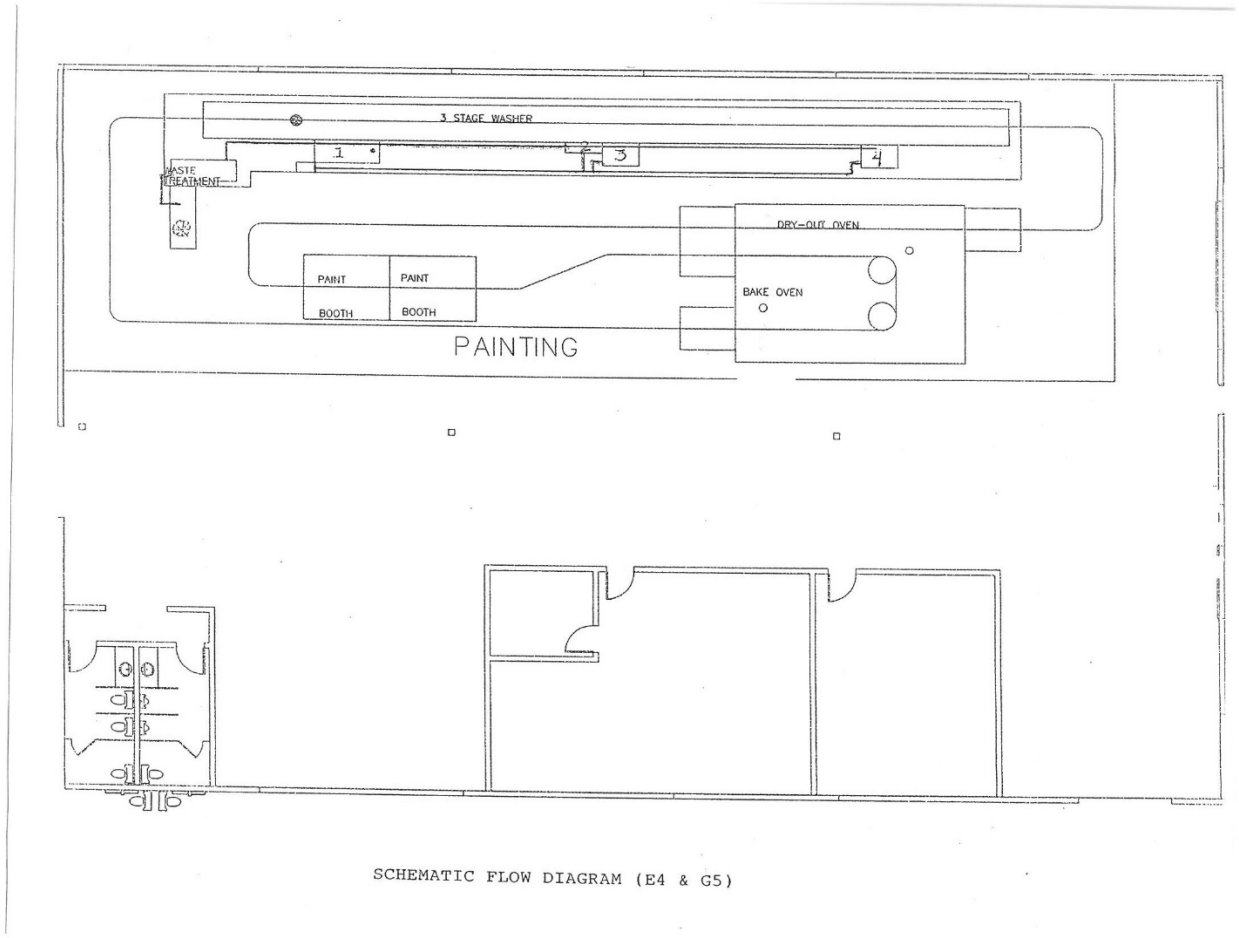
WASTE STREAMS

Insight Lighting discontinued the 202 gallons of daily discharge process waters to the POTW per the renewal application dated September 27, 2017.

PROCESS WATER PRETREATMENT (TWO EVENTS)

1. Tanks 1, 3 and 4 all flow through Tank 2 which then flows to the Treatment Tank consisting of 5 chambers and then into the POTW. The pH is adjusted in the first pH reactor tank and is continually monitored throughout the process. pH monitoring also occurs on a daily basis.
    a. Tank 3 shall be sampled quarterly. Quarterly sampling results shall be submitted to the City on a semi-annual basis, during the months of July and January.
2. Tanks 1, 3, and 4 convey 2,558 gallons of zirconium phosphate acid, rinse waters, and a non-chromate sealer through the aforementioned Treatment Tank. This event occurs once a year.
    a. The required Oil and Grease sampling occurs once a year.

Domestic sanitary sewer waters are discharged daily in the amounts of 150 to 230 gallons per day (gpd).



Flow Diagram as of 11/12/19.

SAMPLING LOCATION

OUTFALL 001:

The manhole located approximately thirty (30) feet south of the building, east of the plant, receives contributions from other commercial entities which caused this location to be a non-representative sample location. No other dedicated lines have been found for this industry.

- OUTFALL 001 was decommissioned September 27, 2017.

OUTFALL 002:

The permitted point of discharge is described as a sampling port located inside the industry on the batch reactor tank discharge line. The discharge shall consist of process and cleanup wastewaters (Local Limits). Local Limits shall be calculated and applied as needed.

- Oil and Grease samples shall be collected from inside the industry at the end of process/end of pipe.

PRETREATMENT FACILITIES

FLOW	TREATMENT TANK	PROCESS	PROCESS DESCRIPTION
2, 558 gallons	Tank 1	Cleans and degrease parts	Diluted solution of Houghto-Prep ZP3, which is zirconium phosphate acid and water.
	Tank 2	Water from second stage process. Re-plumbed to recirculate to Treatment Tank.	Conveys zero (0) gallons of zirconium phosphate acid and rinse water through the five-stage 946-galls pretreatment tank and no longer discharges daily due to r-piping. Water from the second stage.
	Tank 3	Rinse water	Water from the second stage. Sampled annually.
	Tank 4	Rinse sealer	Diluted solution of Houghto-Seal ZR (non-chromate sealer) and water.
	Treatment Tank	Combined waters	Consists of 5 chambers and then into the city sewer by batch discharge annually.

USER CLASSIFICATION

INSIGHT LIGHTING, INC has been designated by the Control Authority as a Middle Tier CIU because its categorical discharge of wastewater does not exceed the 5,000 gpd or the 0.01 percent maximum allowable headworks loading subject to 40 CFR 433. For any pollutant for which approved local limits were developed by the POTW. The middle Tier (CIU) flow only equals 80 gpd. The CIU Local Limit parameters for testing is Oil and Grease. Metals was not a Pollutant of concern at the time the Local Limits were developed. The CIU was not regulated to test permeators for BOD and TSS in the Local Limits. The Control Authority has demonstrated that the CIU has not been in significant noncompliance for any time in the past two years and the reduced reporting requirements will still result in data that is representative of conditions occurring at the facility and in the discharge during the reporting period.

INSIGHT LIGHTING, INC is classified as a significant industrial user because they are subject to national categorical standards. Based on the six metal finishing operations on any basis material: Electroplating, Electroless Plating, Anodizing, Coating (chromating, phosphating, and coloring), Chemical Etching and Milling, and Printed Circuit Board Manufacture, the chemical etching and milling process makes this facility a Metal Finisher and subject to 40 CFR 433. Insight Lighting opened in Rio Rancho in 2001 and therefore is subject to 40 CFR 433.17 pretreatment standards for new sources.

If any of those six operations are present, then this part applies to discharges from those operations and also to discharges from any of the following 40 process operations: Cleaning, Machining, Grinding, Polishing, Tumbling, Burnishing, Impact Deformation, Pressure Deformation, Shearing, Heat Treating,

Thermal Cutting, Welding, Brazing, Soldering, Flame Spraying, Sand Blasting, Other Abrasive Jet Machining, Electric Discharge Machining, Electrochemical Machining, Electron Beam Machining, Laser Beam Machining, Plasma Arc Machining, Ultrasonic Machining, Sintering, Laminating, Hot Dip Coating, Sputtering, Vapor Plating, Thermal Infusion, Salt Bath Descaling, Solvent Degreasing, Paint Stripping, Painting, Electrostatic Painting, Electroplating, Vacuum Metalizing, Assembly, Calibration, Testing, and Mechanical Plating.

Of the 40 processes listed above, INSIGHT LIGHTING, INC. has the following processes in their daily operations.

Metal Finishing Processes		
Core Process	**Volume of Wastewater**	**Disposal Method**
Chemical Etching and Milling	Flow 2,558 gallons	POTW/Waste Hauler
Ancillary Processes		
Machining	None	N/A
Grinding	None	N/A
Tumbling	None	N/A
Shearing	None	N/A
Welding	None	N/A
Brazing	None	N/A
Soldering	None	N/A
Sand Blasting	None	N/A
Laser Beam Machining	None	N/A
Solvent Degreasing	None	POTW as part of a treatment process
Paint Stripping	None	Material swept up
Painting/Powder Coating	Rinse Water	POTW as part of treatment process
Assembly	None	N/A
Testing-Fixtures tested after assembly	None	N/A
Dilution Wastestreams		

Sanitary of domestic wastewater	150 -230 gpd as listed in application	POTW

SELF-MONITORING REQUIREMENTS

COMPOUNDS/PARAMETERS

Monitoring results obtained shall be summarized and reported by INSIGHT LIGHTING, INC. to the City semi-annually from each sampling event. The reports are due by the last business day of the month during the months of July and January. The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed during the reporting period preceding the submission of each report including measured maximum and average daily flows.

Parameter	Location	Frequency	Sample Type	Limit	Rationale
Oil and Grease (petroleum or mineral oil products)	OUTFALL 002	1/year	Grab	100 mg/L [2]	City of Rio Rancho Industrial Waste Code, Title V, Section 51.37 (Local Limits). Industry changed processes to minimize water usage for water conservation efforts. Previous permits required semi-annual sampling. As of December 27, 2017 permit, oil and grease parameters will only be required 1/year due to annual batch discharge.
Oil and Grease (animal and vegetable based)	OUTFALL 002	1/year	Grab	300 mg/L [2]	City of Rio Rancho Industrial Waste Code, Title V, Section 51.37 (Local Limits). Industry changed processes to minimize water usage for water conservation efforts. Previous permits required semi-annual sampling. As of December 27, 2017 permit, oil and grease parameters will only be required 1/year due to annual batch discharge.
pH	OUTFALL 002	1/year	Meter	5.0-11.0 [1][2]	pH parameter must meet the City of Rio Rancho NPDES permit effective July 1, 2016 issued by EPA.
Arsenic	OUTFALL 002	0/year	Grab	N/A	The permittee was required in previous permits to notify the City when arsenic limits were met or exceeded. In January of 2015, a permit amendment was sent to industry to list arsenic as monitoring and reporting. Arsenic does not have a specific limit in either the categorical standard or in the City's Local Limits. As of October 1, 2019

					this parameter is removed from monitoring.
Cadmium (T)	OUTFALL 002	1/year	Grab	0.11 daily max, 0.07 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Chromium (T)	OUTFALL 002	1/year	Grab	2.77 daily max, 1.71 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Copper (T)	OUTFALL 002	1/year	Grab	3.38 daily max, 2.07monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Lead (T)	OUTFALL 002	1/year	Grab	0.69 daily max, 0.43 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Nickel (T)	OUTFALL 002	1/year	Grab	3.98 daily max, 2.38 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Silver (T)	OUTFALL 002	1/year	Grab	0.43 daily max, 0.24 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Zinc (T)	OUTFALL 002	1/year	Grab	2.61 daily max, 1.48	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The

				monthly average [2]	industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Cyanide (T)	OUTFALL 002	1/year	Grab	1.20 daily max, 0.65 monthly average [2]	The industry does not have cyanide treatment processes, therefore, making the cyanide sample a "total" and not an "amenable" per 40 CFR 433.17. The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
TTO	OUTFALL 002	1/year	Grab	2.13 daily max [2]	TTO monitoring was reduced with the receipt and approval of a Toxic Organics Management Plan. Approval date June 13, 2012. TOMP updated July 30, 2014 and updated with permit renewal application dated September 27, 2017. TOMP's are kept in the designated industry binder under the TOMP tab. Industry must maintain the most recent TTO parameters. See attachment B of the INSIGHT LIGHTING, INC. renewal permit dated December 27, 2017.
[1] pH will be monitored and recorded on the permittee's pH meter during discharge events.					
[2] The permittee will be required to notify the City in the event this limit is met or exceeded.					

RATIONALE FOR SELECTION OF COMPOUNDS/PARAMETERS

Compounds/parameters sampled at OUTFALL 002 are subject to national categorical pretreatment standards for metal finishers. Grab samples are appropriate for process discharge since process wastewater is batch discharged.

The pH standard of 5.0-11.0 is specified in the City of Rio Rancho's Industrial Waste Ordinance and will allow the City and industry to monitor the neutralization process. pH should be monitored continuously during discharge through OUTFALL 002.

MONITORING REQUIREMENT

INSIGHT LIGHTING, INC. shall be responsible for testing the above parameters on an annual frequency. The industry shall also be responsible of upkeep of their pretreatment equipment. Any testing performed by the industry more frequently than required shall be reported to the City's Industrial Pretreatment Coordinator and performed in accordance with NPSED approved methods.

All reporting requirements are specified in the City's Industrial Waste Code. INSIGHT LIGHTING INC. is subject to the following:

BASELINE MONITORING, TTO REPORTING AND OTHER

In lieu of ongoing TTO monitoring for this industry, the City has accepted a Toxic Organics Management Plan (TOMP) with a TTO sample once in the fourth year of the permit.

SELF-MONITORING REPORTS (SMR)

Periodic compliance reports are to be submitted to the City annually by these dates:

Monitoring Period December 1st Report due by January 31st

ANALYTICAL ANALYSES AND TESTING

In accordance with Section 51.65(B) of the City Ordinance, the City may authorize an industrial user subject to categorical Pretreatment Standards to forgo sampling of pollutant regulated by a categorical pretreatment standard if the user has demonstrated through sampling and other technical factors that the pollutant is neither present nor expected to be present in the discharge, or it is present only at background levels from intake water and without any increase in pollutant due to activities of the user, per 40 CFR 403.12 e (2).

A study of the analytical results was conducted on July 9, 2019 on this industrial user (IU) for the last five years. Based upon the study findings, analytes that were non-detectable are removed from the semi-annual and annual testing. The analytes with City Local Limits remain to be tested annually, whether they were detected or not. The full/complete list of parameters will be tested once per permit period in the last year prior to permit renewal application.

Ongoing self-monitoring and analytical testing is still required by the industrial user (IU) for the parameters are listed below:

Parameter	Location	Frequency	Sample Type	Limit	Rationale
Oil and Grease (petroleum or mineral oil products)	OUTFALL 002	1/year	Grab	100 mg/L [2]	City of Rio Rancho Industrial Waste Code, Title V, Section 51.37 (Local Limits).

Oil and Grease (animal and vegetable based)	OUTFALL 002	1/year	Grab	300 mg/L [2]	City of Rio Rancho Industrial Waste Code, Title V, Section 51.37 (Local Limits).
pH	OUTFALL 002	1/year	Meter	5.0-11.0 [1][2]	pH parameter must meet the City of Rio Rancho NPDES permit effective July 1, 2016 issued by EPA.
Chromium (T)	OUTFALL 002	1/year	Grab	2.77 daily max, 1.71 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Copper (T)	OUTFALL 002	1/year	Grab	3.38 daily max, 2.07monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Lead (T)	OUTFALL 002	1/year	Grab	0.69 daily max, 0.43 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Nickel (T)	OUTFALL 002	1/year	Grab	3.98 daily max, 2.38 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Silver (T)	OUTFALL 002	1/year	Grab	0.43 daily max, 0.24 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.
Zinc (T)	OUTFALL 002	1/year	Grab	2.61 daily max, 1.48 monthly average [2]	The industry has batch quarterly discharge from Tank 3 of pretreatment process. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per quarter totaling 4 samples in a year.

SVOCs (EPA method 625)	OUTFALL 002	1/year	Grab	2.13 daily max [2]	TTO monitoring was reduced to just the annual testing for the SVOCs. Process waters are discharged to the City POTW through OUTFALL 002. The industry shall take 1 grab sample per year
[1] pH will be monitored and recorded on the permittee's pH meter during discharge events.					
[2] The permittee will be required to notify the City in the event this limit is met or exceeded.					

SPECIAL CONDITIONS

CHAIN OF CUSTODY

In accordance with EPA 40CFR 136, the Chain of Custody (COC) records shall list pertinent information to include: sample matrix, container type, preservation type, sample type (composite or grab). Samples pulled at OUTFALL 002 at INSIGHT LIGHTING, INC. and the sample type is "Grab".

COMPLIANCE CERTIFICATION

Because of the reduced monitoring for categorical pollutants, Insight Lighting will be required to submit the following statement with the required periodic report.

Certification of pollutants not present. Users that have an approved monitoring waiver based on Section 51.65(B) must certify on each report with the following statement that there has been no increase in the pollutant in its wastestream due to activities of the user (40 CFR 403.12(e)(2)(v)):

> Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard under 40 CFR 413.64 and 413.54, I certify that, to the best of my knowledge and belief, there has been no increase in the level of Cadmium, Cyanide, Volatiles, Pesticides, PCBs, and Dioxin in the wastewaters due to the activities at the facility since filing of the last required periodic report.

ANNUAL FEE

The Annual Fee in the amount of $350.00 must be received no later than December 1st of each year that the permit is valid. Checks are made payable to City of Rio Rancho and are sent to:

City of Rio Rancho
Utilities Department – Environmental Programs
Attn: Industrial Pretreatment Coordinator
3200 Civic Center Circle NE
Rio Rancho, NM 87144-4501

PERMIT APPLICATIONS

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of Title V, Chapter 51 of the

Industrial Waste Code of the City of Rio Rancho Ordinance a minimum of ninety (90) days prior to the expiration date.

The Renewal Application and Application Fee in the amount of $350 must be submitted to:

City of Rio Rancho
Utilities Department – Environmental Programs
Attn: Industrial Pretreatment Coordinator
3200 Civic Center Circle NE
Rio Rancho, NM 87144-4501

ACCIDENTAL SPILL PREVENTION PLAN

The Accidental Spill Prevention Plan (ASPP) will be required to be reviewed and updated once every two years and submitted to the Industrial Pretreatment Coordinator. The review and update will include:

- New chemicals in use,
- Flow schematic drawings,
- Chemical storage drawings, and
- Current notification contacts.

TOXIC ORGANIC MANAGEMENT PLAN

The Toxic Organic Management Plan (TOMP) will be required to be reviewed and updated once every two years and submitted to the Industrial Pretreatment Coordinator. The review and update will include:

- New chemicals in use,
- Flow schematic drawings,
- Chemical storage drawings, and
- Current hours of operation and shift schedule.

WASTEWATER SURVEY

As a requirement of the EPA 40CFR 403.8(f)(2)(i), the City of Rio Rancho is required to conduct a wastewater survey to identify new and existing industrial users who discharge non-domestic wastewater to the City's POTW.

An update wastewater survey is due every 3 years and will be submitted to the Industrial Pretreatment Coordinator.

INFORMATION SOURCES

The following information sources were used in developing the proposed permit:

- City of Rio Rancho Industrial Waste Code
- Historical and current analytical data, inspections and reports
- National Pretreatment Standards 40 CFR 433 Pretreatment Standards for New Sources
- National Pretreatment Standards 40 CFR 403
- 40 CFR 136

- Insight Lab Investigation 070919 (attached)

UPDATING PERMIT DOCUMENTS

The permit issued for Insight Lighting, Inc. includes a respective Fact Sheet. The Fact Sheet is a "living document" and will be updated to reflect the most recent activities as associated with the permit.

Information pertaining to the INSIGHT LIGHTING, INC. permit is located at:

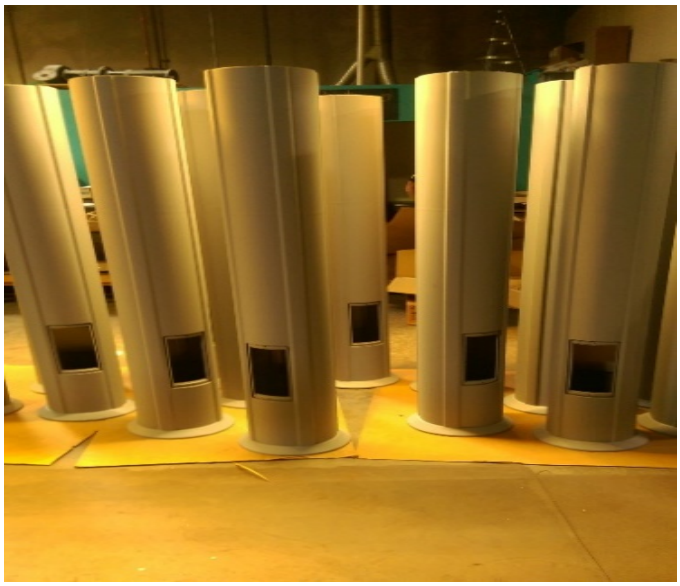
City of Rio Rancho
Utilities Department-Environmental Programs
Industrial Pretreatment Coordinator Office
3200 Civic Center Circle NE
Rio Rancho, NM 87144-4501

Insight Lab Investigation 070919

(light blue color denotes City split samples)

Date	O&G	TPH	Cr	Cu	Pb	Ni	Ag	Zn	Phenolics	3+4 Methyl phenol	Benzyl Alcohol	Bis (2-ethylhexyl) phthalate	Diethyl phthalate	Di-n-octyl phthalate	Phenol
5/20/19	15.1	3.3	0.039	0.075	0.0055	0.054	-	1	-	-	49.4	6.19	-	-	-
5/2/18	23.9	16	-	0.054	-	0.028	-	0.12	-	40.4	-	9.28	3.44	-	4.82
5/2/18	21.4	16	-	0.05	0.0014	0.028	0.0019	0.088	-	46.4	8.92	3.48	-	-	-
11/20/17	21.9	6.4	-	0.045	-	0.017	0.016	0.1	50	-	-	-	-	-	-
8/28/17	13.5	4.8	0.11	0.017	-	0.059	0.028	0.089	9.1	-	-	-	-	-	-
5/3/17	-	3.6	-	0.041	0.0014	0.032	-	0.19	-	1.67	9.02	2.18	-	-	-
5/3/17	8.85	3.5	0.0034	0.043	0.0015	0.04	0.014	0.2	-	1.92	8.22	2.43	-		
2/22/17	-	-	-	0.017	-	-	-	0.049	2.7	-	-	-	-	-	-
11/30/16	36.9	2.1	-	0.066	0.003	0.064	0.064	0.16	-	-	-	-	-	-	-
8/26/16	-	-	-	0.042	0.0035	-	-	0.35	-	-	-	-	-	-	-
5/4/16	15	-	-	0.043	0.0027	0.094	0.094	0.32	-	-	-	226	-	-	-
5/4/16	15	29	-	0.043	0.0027	0.092	0.092	0.31	-	-	68.1	4.08	-	1.16	-
3/9/16	-	1.8	-	0.1	0.0028	-	-	0.32	-	-	-	-	-	-	-
11/13/15	-	-	0.0075	0.032	0.00056	-	-	0.093	-	-		-	-	-	
9/9/15	-	-	-	0.023	-	-	-	0.052	-	-		-	-	-	
5/5/15	14	5.9	0.0083	0.13	0.0045	0.073	0.014	0.35	-	-	-	7.29	-	-	-
5/5/15	14	-	-	0.081	0.0035	0.072	0.014	0.3	-	-	-	6.34	-	1.01	-

3/20/15	-	-	-	0.012	-	-	-	0.026	-	-	-	-	-	-	-
12/19/14	-	-	-	0.029	-	-	-	0.049	-	-	-	-	-	-	-
9/26/14	-	-	-	0.035	0.0079	-	-	0.051	-	-	-	-	-	-	-
5/29/14	22	25	-	0.21	0.0058	0.049	-	0.3	-	-	-	1.79	0.66	-	-
3/27/14	6	1	-	0.046	0.0016	-	-	0.073	-	-	-	-	-	-	-



Industrial Waste Discharge Permit

Issued To:

Insight lighting, Inc.

4341 Fulcrum Way NE

Rio Rancho, New Mexico 87144

Permit Number S07002

Effective September 1, 2020

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INDUSTRIAL USER PERMIT

In accordance with the provisions of City of Rio Rancho (City) Industrial Waste Code §§ 51.30 through 51.94 and also with any applicable provisions of federal, state, or other local laws or regulations including the Clean Water Act (33 USC 1251 et seq.) and the General Pretreatment Regulations (40 CFR Part 403)

Insight Lighting Inc.
4341 Fulcrum Way NE
Rio Rancho, NM 87144

is hereby authorized to discharge industrial wastewater from the above-identified facility and through the outfalls identified into the City sewer system in accordance with the conditions set forth in this permit. Compliance with this permit does not relieve the permittee of its obligation to comply with any or all applicable pretreatment regulations, standards or requirements under local, state , and federal laws, including any such regulations, standards, requirements, or laws that might become effective during the term of this permit. Insight Lighting, Inc. is a significant industrial user subject to 40 CFR part 433.

Noncompliance with any term or condition of this permit will constitute a violation of City's Industrial Waste Code §§ 51.30 through 51.94.

The term of the permit must not exceed more than five (5) years.

This permit will become effective September 1, 2020 and the permit expires August 31, 2025.

If the permittee wishes to continue to discharge after the expiration date of this permit, an application must be filed for a renewal permit in accordance with the requirements of City's Industrial Waste Code §§ 51.30 through 51.94 a minimum of 90 days before the expiration date.

By: _____

Signature

Jim Chiasson, City of Rio Rancho Utilities Director

Date: _____

PART 1 – GENERAL INFORMATION

During the duration of the permit, the permittee is authorized to discharge process, non-process, and sanitary wastewater to the City sewer system from the outfall below.

Outfall 001 Description

The permitted point of discharge is described as a sampling port located inside the industry on the Treatment Tank (batch reactor) discharge line and designated as Outfall 001. Therefore, Oil and Grease parameters shall be collected from inside the industry at the end of process/end of pipe designated as Outfall 001. The discharge shall consist of process and cleanup wastewaters. Local Limits shall be calculated and applied as needed.

PROCESS WATER PRETREATMENT (TWO EVENTS)

1. Tanks 1, 3 and 4 all flow through Tank 2 which then flows to the Treatment Tank and then into the POTW. The pH is adjusted in the Tank 1 and monitoring occurs on a daily basis.
2. Tanks 1, 3, and 4 convey 2,558 gallons of zirconium phosphate acid, rinse waters, and a non-chromate sealer through the aforementioned Treatment Tank. This event occurs once a year.
    a. The Treatment Tank shall be sampled annually.

Table 1 Process Flow

FLOW	TREATMENT TANK	PROCESS	PROCESS DESCRIPTION
2,558 gallons	Tank 1	Cleans and degreases parts	Diluted solution of Houghto-Prep ZP3, which is zirconium phosphate acid and water.
	Tank 2	Water from second stage process. Re-plumbed to recirculate to Treatment Tank	Conveys zero (0) gallons of zirconium phosphate acid and rinse waters through the five-stage 946-gallon pretreatment tank and no longer discharges daily due to re-piping. Water from the second stage.
	Tank 3	Rinse water	Water from the second stage.
	Tank 4	Rinse sealer	Diluted solution of Houghto-Seal ZR (non-chromate sealer) and water.
	Treatment Tank	Combined waters	Treated and then released into the City sewer/POTW.

LOCAL AND CATEGORICAL EFFLUENT LIMITATIONS

All discharges shall comply with all other applicable laws, regulations, standards, and requirements contained in the City's Industrial Waste Code and any applicable state and federal pretreatment laws, regulations, standards, and requirements including any such laws, regulations, standards, or requirements that may become effective during the term of this permit.

The permittee shall not introduce or cause to be introduced into the City sewer system any pollutant or wastewater described in §51.34 of the Ordinance referred to as Prohibited Discharge Standards.

PART 2 – MONITORING REQUIREMENTS

All samples must be collected, preserved, and analyzed in accordance with the procedures established in 40 CFR Part 136 and amendments.

Monitoring results obtained shall be summarized and reported by Insight Lighting, Inc. to the City annually from each sampling event. The report shall indicate the nature and concentration of all pollutants in the effluent for which sampling and analyses were performed during the reporting period preceding the submission of each report including measured maximum and average daily flows.

A. Grab sample shall means a sample that is taken from a waste stream on a one-time basis without regard to the flow in the waste stream and over a period of time not to exceed 15 minutes.

B. Sampling frequency for the annual monitoring cycle will occur during peak production season. Annual monitoring period is defined as January to December (calendar year). The report is due by January 31st.

REQUIRED MONITORING

This full list of parameters shall be tested once per permit period in the last year, prior to permit renewal application.

Table 2 Full List of Required Parameters

Parameter	Location	Frequency	Sample Type	Limit	Rationale
Oil and Grease (petroleum or mineral oil products)	OUTFALL 001	1/year	Grab	100 mg/L [2]	City of Rio Rancho Local Limits
Oil and Grease (animal and vegetable based)	OUTFALL 001	1/year	Grab	300 mg/L [2]	City of Rio Rancho Local Limits
pH	OUTFALL 001	1/year	Meter	5.0-11.0 [1][2]	City of Rio Rancho Local Limits
Cadmium (T)	OUTFALL 001	1/year	Grab	0.11 daily max, 0.07 monthly average [2]	40 CFR 433.17
Chromium (T)	OUTFALL 001	1/year	Grab	2.77 daily max, 1.71 monthly average [2]	40 CFR 433.17
Copper (T)	OUTFALL 001	1/year	Grab	3.38 daily max, 2.07monthly average [2]	40 CFR 433.17
Lead (T)	OUTFALL 001	1/year	Grab	0.69 daily max, 0.43 monthly average [2]	40 CFR 433.17
Nickel (T)	OUTFALL 001	1/year	Grab	3.98 daily max, 2.38 monthly average [2]	40 CFR 433.17
Silver (T)	OUTFALL 001	1/year	Grab	0.43 daily max, 0.24 monthly average [2]	40 CFR 433.17

Zinc (T)	OUTFALL 001	1/year	Grab	2.61 daily max, 1.48 monthly average [2]	40 CFR 433.17
Cyanide (T)	OUTFALL 001	1/year	Grab	1.20 daily max, 0.65 monthly average [2]	40 CFR 433.17
TTO	OUTFALL 001	1/year	Grab	2.13 daily max [2][3]	40 CFR 433.17
[1] PH will be monitored and recorded on the permittee's pH meter during discharge events.					
[2] The permittee will be required to notify the City in the event this limit is met or exceeded.					
[3] See Appendix 1 for TTO constituents					

In accordance with §51.65(B) of the Industrial Waste Code, the City may authorize an industrial user subject to categorical Pretreatment Standards to forgo sampling of a pollutant regulated by a categorical Pretreatment Standard if the user has demonstrated through sampling and other technical factors that the pollutant is neither present nor expected to be present in the discharge, or it is present only at background levels from intake water and without any increase in pollutant due to activities of the user, per 40 CFR 403.12 e (2).

A study of the analytical results was conducted on July 9, 2019 on this permittee for the prior five years. Based upon the study findings, analytes that were non-detectable were removed from the annual testing. The analytes with City Local Limits remain to be tested annually, whether they were detected or not. The full/complete list of parameters will be tested once per permit period in the last year prior to permit renewal application.

Ongoing self-monitoring and analytical testing is still required by Insight Lighting, Inc. for the parameters listed below:

Table 3 Reduced List of Required Parameters

Parameter	Location	Frequency	Sample Type	Limit	Rationale
Oil and Grease (petroleum or mineral oil products)	OUTFALL 001	1/year	Grab	100 mg/L [2]	City of Rio Rancho Local Limits
Oil and Grease (animal and vegetable based)	OUTFALL 001	1/year	Grab	300 mg/L [2]	City of Rio Rancho Local Limits
pH	OUTFALL 001	1/year	Meter	5.0-11.0 [1][2]	City of Rio Rancho Local Limits
Chromium (T)	OUTFALL 001	1/year	Grab	2.77 daily max, 1.71 monthly average [2]	40 CFR 433.17
Copper (T)	OUTFALL 001	1/year	Grab	3.38 daily max, 2.07monthly average [2]	40 CFR 433.17
Lead (T)	OUTFALL 001	1/year	Grab	0.69 daily max, 0.43 monthly average [2]	40 CFR 433.17
Nickel (T)	OUTFALL 001	1/year	Grab	3.98 daily max, 2.38 monthly average [2]	40 CFR 433.17
Silver (T)	OUTFALL 001	1/year	Grab	0.43 daily max, 0.24 monthly average [2]	40 CFR 433.17
Zinc (T)	OUTFALL 001	1/year	Grab	2.61 daily max, 1.48 monthly average [2]	40 CFR 433.17

SVOCs (EPA method 625)	OUTFALL 001	1/year	Grab	2.13 daily max [2]	40 CFR 433.17
[1] PH will be monitored and recorded on the permittee's pH meter during discharge events.					
[2] The permittee will be required to notify the City in the event this limit is met or exceeded.					
[3] See Appendix 2 for SVOC constituents					

PART 3 – REPORTING REQUIREMENTS

All reports required by this permit must be submitted to the City of Rio Rancho at the following address:

City of Rio Rancho

Utilities Department – Environmental Programs

Attn: Pretreatment Coordinator

3200 Civic Center Circle NE

Rio Rancho, New Mexico 87144-4501

1. MONITORING REPORTS

Monitoring results obtained must be summarized and reported to the Industrial Pretreatment Coordinator (IPC) by mail or hand delivered on an Industrial User Monitoring Report Form in Appendix 3.

Periodic compliance reports are to be submitted to the City annually by these dates:

Monitoring Period	January 1st - December 30th	Report due by January 31st

All monitoring reports must indicate the nature and concentration of all pollutants in the effluent for which sampling and analysis were performed during the reporting period preceding the submission of each report.

2. CERTIFICATION STATEMENTS

The permittee is required to sign and submit the following certification statement with all monitoring reports:

> I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Certification of pollutants not present. Users that have an approved monitoring waiver based on §51.65(B) must certify on each report with the following statement that there has been no increase in the pollutant in its waste stream due to activities of the user (40 CFR 403.12(e) (2) (v)):

> Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard under 40 CFR 413.64 and 413.54, I certify that, to the best of my knowledge and belief, there has been no increase in the level of Cadmium, Cyanide, Volatiles, Pesticides, PCBs, and Dioxin in the wastewaters due to the activities at the facility since filing of the last required periodic report.

The permittee is required to sign and submit the following certification statement with all monitoring reports only if the City has approved use of a Toxic Organics Management Plan (TOMP) in lieu of performing total toxic organic management plan.

Based on my inquiry of the permit or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the City.

3. REPORTING ADDITIONAL MONITORING

If the permittee monitors any pollutant more frequently than required by this permit, using test procedures prescribed in 40 CFR Part 136 or amendments thereto, or otherwise approved by the U.S. Environmental Protection Agency (EPA) or as specified in this permit, the results of such monitoring must be included in any calculations of actual daily maximum or monthly average pollutant discharge, and results must be reported in the monthly report submitted to the City. Such an increased monitoring frequency must also be indicated in the monthly report.

4. AUTOMATIC RESAMPLING

If the results of the permittee's wastewater analysis indicate that a violation of this permit has occurred, the permittee must do the following:

- Inform the City of Rio Rancho of the violation within 24 hours, and
- Repeat the sampling and pollutant analysis and submit, in writing, the results of this second analysis within 30 days of becoming aware of the first violation.

5. ACCIDENTAL DISCHARGE REPORT

The permittee must notify the City immediately upon the occurrence of spills, including accidental discharges, discharges of a non-routine, episodic nature, a non-customary batch discharge, slug loads or slug discharges that might cause potential problems for the POTW or spills that might enter the public sewer. During normal business hours, the City should be notified by telephone at (505) 896-8715. At all other times, the City should be notified by telephone at (505) 975-8357. The notification must include location of discharge; date and time of discharge; type of waste, including concentration and volume; and corrective actions taken. The permittee's notification of accidental releases in accordance with this section does not relieve it of other reporting requirements that arise under local, state, or federal laws.

Within five (5) days following an accidental discharge, the permittee shall submit to the City a detailed written report. The report must specify the following:

1. Description and cause of the upset, slug load, or accidental discharge; the cause thereof; and the impact on the permittee's compliance status. The description should also include location of discharge and type, concentration, and volume of waste.

2. Duration of noncompliance, including exact dates and times of noncompliance and, if the noncompliance is continuing, the time by which compliance is reasonably expected to occur.

3. All steps taken or to be taken to reduce, eliminate, and/or prevent recurrence of such an upset, slug load, accidental discharge, or other conditions of noncompliance.

6. HAZARDOUS WASTE NOTIFICATION

1. If the permittee discharges any substance which, if otherwise disposed of, would be a hazardous waste under 40 CFR part 261, or Chapter 173-303 WAC, must also comply with the requirements specified in §51.68(A) and (B) of the Ordinance. This notification requirement does not apply to pollutants already reported under the self-monitoring requirements.

2. The permittee is exempt from the requirements of subsection (1) of this section during a calendar month in which they discharge no more than 15 kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e). Discharge of more than 15 kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subsequent months during which the permittee discharges more than such quantities of any hazardous waste do not require additional notification.

3. In the case of any new regulations under RCRA Section 3001, identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the permittee shall notify the City, the EPA Regional Waste Management Waste Division Director, and state hazardous waste authorities of the discharge of such a substance within 90 days of the effective date of such regulations.

4. In the case of any notification made under this paragraph, the permittee shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

5. This provision does not create a right to discharge any substance not otherwise permitted to be discharged, a permit issued thereunder, or any applicable federal or state law.

PART 4 – ACCIDENTAL SPILL / SLUG DISHARGE CONTROL REQUIREMENTS

Accidental Spill Prevention Plan

The permittee has developed and submitted an Accidental Spill/Slug Discharge Control Plan to the City in accordance with §51. 44 of the Ordinance. The City has approved the permittee's Accidental Spill/Slug Discharge Control Plan.

The Accidental Spill Prevention Plan will be required to be reviewed and updated once every two years and submitted to the Industrial Pretreatment Coordinator. The review and update will include:

- New chemicals in use,
- Flow schematic drawings,
- Chemical storage drawings, and
- Current notification contacts.

PART 5 – TOXIC ORGANIC MANAGEMENT REQUIREMENTS

Toxic Organic Management Plan

The permittee has developed and submitted a Toxic Organic Management Plan (TOMP) to the City in accordance with §51.44 of the Ordinance. The City has approved the permittee's Toxic Organic Management Plan.

The TOMP will be required to be reviewed and updated once every two years and submitted to the Industrial Pretreatment Coordinator. The review and update will include:

- New chemicals in use,
- Flow schematic drawings,
- Chemical storage drawings, and
- Current hours of operation and shift schedule.

The conditions of the approved plans are HEREBY incorporated into this permit. The permittee is required to comply and implement the existing plans. Failure to comply with conditions specified in the approved plans shall be considered a violation of this permit.

PART 6 – STANDARD CONDITIONS

1. MONITORING AT AN INCREASED FREQUENCY

If the permittee sampled and analyzed more frequently than what was required by the City or by this subchapter, using methodologies in 40 CFR Part 136, it must submit all results of sampling and analysis of the discharge during the reporting period.

2. DUTY TO COMPLY

The permittee must comply with all conditions of this permit. Failure to comply with the requirements of this permit may be grounds for administrative action, or enforcement proceedings including civil or criminal penalties, injunctive relief, and summary abatements.

3. DUTY TO MITIGATE

The permittee must take all reasonable steps to maintain or correct any adverse impact to the public treatment plant or the environment resulting from noncompliance with this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

4. MODIFICATIONS

The permittee may submit a request for permit modifications to the City for good cause, including, but not limited to, the reasons specified in Section 51.59 of the Ordinance. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. PERMIT APPEALS

The permittee may petition the City to reconsider the terms of a wastewater discharge permit within 30 days of notice of its issuance. The filing of an appeal must be performed in accordance with Section 51.57. Failure to submit a timely petition for review shall be deemed to be a waiver of the administrative appeal. The effectiveness of the wastewater discharge permit shall not be stayed pending the appeal.

6. RESTRICTIONS OF TRANSFER OF OWNERSHIP

Wastewater discharge permits may be transferred to a new owner or operator only if the permittee gives at least 90 days' advanced notice to the City and the City approves the wastewater discharge permit transfer. The notice to the City must include a written certification by the new owner or operator which contain at a minimum the elements described in Section 51.60 of the Ordinance.

7. PERMIT REVOCATION

This permit may be terminated for the following reasons:

A. Failure to notify the City of significant changes to the wastewater before the changed discharge;

B. Failure to provide prior notification to City of changed conditions;

C. Misrepresentation or failure to fully disclose all relevant facts in the wastewater discharge permit application;

D. Falsifying self-monitoring reports or certification statements;

E. Tampering with monitoring equipment;

F. Refusing to allow timely access to the facility premises and records;

G. Failure to meet effluent limitations;

H. Failure to pay fines;

I. Failure to pay sewer charges;

J. Failure to meet compliance schedules;

K. Failure to complete a wastewater survey or the wastewater discharge permit application;

L. Failure to provide advanced notice of the transfer of business ownership of a permitted facility;

M. If the City has to invoke its emergency provision as cited in §51.84(l) of the Ordinance; or

N. Violation of any Pretreatment Standard or Requirement including required best management practices, or any terms of the wastewater discharge permit or the sewer use ordinance.

8. DUTY TO REAPPLY

The permittee must apply for permit reissuance by submitting a complete permit application, in accordance with §51.62, a minimum of ninety (90) days before the expiration of the existing permit.

9. DILUTION

A permittee must not ever increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with a discharge limitation unless expressly authorized by an applicable Pretreatment Standard or Requirement. The City may impose mass limitations on permittees who are using dilution to meet applicable Pretreatment Standards or Requirements, or in other cases when the imposition of mass laminations is appropriate.

10. WASTEWATER SURVEY

As a requirement of the EPA 40CFR 403.8(f)(2)(i), the City of Rio Rancho is required to conduct a wastewater survey to identify new and existing industrial users who discharge non-domestic wastewater to the City's POTW.

An update wastewater survey is due every 3 years and will be submitted to the Industrial Pretreatment Coordinator.

ATTACHMENT A – SIGNATORY AUTHORIZATION

All reports and information submitted pursuant to the requirements of Discharge Permit #S07002 will be signed and certified by an authorized representative of the Permittee, Insight Lighting Inc.

In accordance with Section 51.54 of the City Ordinance and 40 CFR Part 403.12(I), an authorized representative may be:

1) an executive officer of at least the level of vice president, if the Permittee is a corporation;

2) a general partner or proprietor if the Permittee is a partnership or sole proprietorship respectively; or

3) a duly authorized representative of the individual designated in (1) or (2) above if such representative is responsible for the overall operation of the facility from which the permitted discharge originates.

Election of Option (3)

I certify that the signatory below shall have authority to sign reports required by this permit for Insight Lighting. I further understand that such signature shall be legally binding on all such reports.

Signature	Title

Authorized Signatory (print)	Title
Authorized Signature	Effective Date

APPENDICES

APPENDIX 1 TTO CONSTITUENTS

Acenaphthene	Bis (2-chloroethoxy) methane	Toluene
Acrolein	Methylene chloride	Trichloroethylene
Acrylonitrile	Methyl chloride	Vinyl chloride
Benzene	Methyl bromide	Aldrin
Benzidine	Bromoform	Dieldrin
Carbon tetrachloride	Dichlorobromomethane	Chlordane
Chlorobenzene	Chlorodibromomethane	4,4-DDT
1,2,4-Trichlorobenzene	Hexachlorobutadiene	4,4-DDE (p,p-DDX)
Hexachlorobenzene	Hexachlorocyclopentadiene	4,4-DDD (p,p-TDE)
1,2,-Dichloroethane	Isophorone	Alpha-endosulfan
1,1,1-Trichloroethane	Naphthalene	Beta-endosulfan
Hexachloroethane	Nitrobenzene	Endosulfan sulfate
1,1-Dichloroethane	2-Nitrophenol	Endrin
1,1,2-Trichloroethane	4-Nitrophenol	Endrin aldehyde
1,1,2,2-Tetrachloroethane	2,4-Dinitrophenol	Heptachlor
Chloroethane	4,6-Dinitro-o-cresol	Heptachlor epoxide
Bis (2-chloroethyl) ether	N-nitrosodimethylamine	Alpha-BHC
2-Chloroethyl vinyl ether	N-nitrosodiphenylamine	Beta-BHC
2-Chloronaphthalene	N-nitrosodi-n-propylamine	Gamma-BHC
2,4,6-Trichlorophenol	Pentachlorophenol	Delta-BHC
Parachlorometa cresol	Phenol	PCB-1242 (Arochlor 1242)
Chloroform	Bis (2-ethylhexyl) phthalate	PCB-1254 (Arochlor 1254)
2-Chlorophenol	Butyl benzyl phthalate	PCB-1221 (Arochlor 1221)
1,2-Dichlorobenzene	Di-n-butyl phthalate	PCB-1232 (Arochlor 1232)
1,3-Dichlorobenzene	Di-n-octyl phthalate	PCB-1248 (Arochlor 1248)
1,4-Dichlorobenzene	Diethyl phthalate	PCB-1260 (Arochlor 1260)

3,3-Dichlorobenzidine	Dimethyl phthalate	PCB-1016 (Arochlor 1016)
1,1-Dichloroethylene	Benzo(a)Anthracene	Toxaphene
1,2-Trans-dichloroethylene	Benzo(a)pyrene	2,3,7,8-Tetrachlorodibenzo-p-dioxin
2,4-Dichlorophenol	Benzo(b)fluoranthene	1,3-Dichlorpropylene
1,2-Dichloropropane	Benzo(k)fluoranthene	2,4-Dimethyphenol
2,4-Dinitrotoluene	Anthracene	Chrysene
2,6-Dinitrotoluene	Acenaphthylene	Benzo(ghi)perylene
1,2-Diphenylhydrazine	Fluorene	4-Bromophenyl phenyl ether
Ethylbenzene	Phenanthrene	Bis (2-chloroisopropyl) ether
Fluoranthene	Dibenzo(a,h)anthracene	Pyrene
4-Chlorophenyl phenyl ether	Indeno(1,2,3-cd) pyrene	Tetrachloroethylene

APPENDIX 2 SVOC CONSTITUENTS

Bis (2-ethylhexyl) phthalate	Di-n-octyl phthalate	Diethyl phthalate
Phenol		

APPENDIX 3 INDUSTRIAL USER MONITORING REPORT FORM