

Resolution 18-072

RESOLUTION AUTHORIZING EXECUTION OF AN
INDUSTRIAL SEWER CONNECTION PERMIT MODIFICATION TO:

McWilliams Forge
Block 84 / Lot 7.01
Borough of Rockaway

WHEREAS, the Rockaway Valley Regional Sewerage Authority (hereinafter “the Authority”) is authorized by the Sewerage Authorities Law [N.J.S.A. 40:14A-7(11)] to make and enforce rules and regulations for the management and regulation of its business and affairs and/or the use, maintenance, and operation of the sewerage system and any other of its properties and to amend the same; and

WHEREAS, the Authority is a Delegated Local Agency of the New Jersey Department of Environmental Protection and administers an industrial pretreatment program within the service area of the Authority; and

WHEREAS, in accordance with the regulations governing industrial pretreatment programs established at N.J.S.A. 7:14A-1 et. seq., the Authority is required to issue permits and renew permits to industrial discharges within the RVRSA that discharge process wastewater to the Authority’s facility; and

WHEREAS, in compliance with the regulations contained at N.J.A.C. 7:14A-15.10, public notice of the issuance of a draft Industrial Sewer Connection Permit to McWilliams Forge was published in the Daily Record on April 12, 2018, and a thirty (30) day public comment period commenced from the date of publication until May 11, 2018, wherein no comments were received.

NOW THEREFORE, BE IT RESOLVED, by the Rockaway Valley Regional Sewerage Authority as follows:

1. The Executive Director, Joann Mondini, is hereby authorized to execute an Industrial Sewer Connection Permit modification in accordance with the terms and conditions of a form of Industrial Sewer Connection Permit (ISCP), SIC Codes 3462 and 3463 dated July 1, 2018 marked Schedule “A” attached hereto and a part hereof, a copy of

which is also, on file at the offices of RVRSA, to McWilliams Forge, subject to compliance with any permit condition(s) which must be satisfied prior to issuance of this permit modification, if any; and also subject to compliance with all remaining engineering requirements, if any.

2. This approval is subject to the payment of the appropriate RVRSA pretreatment annual permit fee.
3. This ISCP is subjected to a flow limitation not to exceed 7,700 gallons per day, monthly average.

I hereby certify that this Resolution was adopted at a meeting of the Rockaway Valley Regional Authority held on June 14, 2018.

On motion of Glenn Corbett

Second by John Cegelka

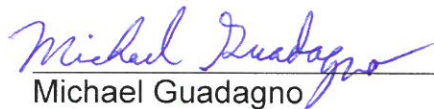
And a Roll Call Vote as Follows:

Yeas: (9) Andes, Cegelka, Corbett, Guadagno, Isselin, Lowell, Recchia, Rossi, Schorno

Nays: (0) None

Abstain: (1) Vincitore

Absent: (0) None



Michael Guadagno
Secretary



FACT SHEET McWilliams Forge

This fact sheet sets forth the principal facts and the significant factual, legal, and policy considerations examined during preparation of the draft permit.

PERMIT ACTION:	Modification of the Industrial Sewer Connection Permit (ISCP) Effective Date: 07/01/2018 Expiration Date: 06/30/2020
PERMITEE NAME AND ADDRESS:	McWilliams Forge 387 Franklin Road Rockaway, NJ 07866
FACILITY NAME AND ADDRESS:	McWilliams Forge 387 Franklin Road Rockaway, NJ 07866
FACILITY CONTACT INFORMATION:	William Hunnicutt EHS Manager Phone No.: (973) 627-0200 ext. 265 Fax No.: (973) 627-3010 Email: whunnicutt@mcwilliamsforge.com
RECEIVING LOCAL AGENCY:	Rockaway Valley Regional Sewerage Authority
RECEIVING COLLECTION SYSTEM:	Trunkline collection system owned and operated by the Rockaway Valley Regional Sewerage Authority.

DESCRIPTION OF FACILITY OPERATIONS:

McWilliams Forge is a manufacturing facility in forging and heat treating. SIC codes include: 3462 and 3463. This facility is subjected to 40 CFR § 468 Copper Metal Forming Point Source Category; 40 CFR § 468.15 Pretreatment Standards for New Sources; 40 CFR § 471 Metal Forming and Metal Powders Point Source Category, Subpart C: Nickel – Cobalt Forming Subcategory; 40 CFR § 471.35 Pretreatment Standards for New Sources (PSNS), Subpart F: Titanium Forming Subcategory; and 40 CFR § 471.65 Pretreatment Standards for New Sources (PSNS);. McWilliams Forge is discharging approximately **7,700** gpd (monthly average) of combined wastewater generated from its cutting, sawing, forging (hammers/presses), in-process condition (IPC), heat treatment, water quenching and oil wash, hand grinding and mechanical cleaning, machining, non-destructive testing (NDT), laboratory, boiler (steam generation), cafeteria and offices. This facility manufacturing wastewater is being pretreated prior to discharge. The pretreatment devices consist of filtration and grease/oil separation.



DESCRIPTION OF DISCHARGE LOCATION(S) (see attached Figure 1):

Name: DSN-01
Latitude: 40°53' 04.06" N
Longitude: 74°31' 07.20" W
Description: Manhole # 6 (All "comingled" effluent)

Name: DSN-01B & DSN-01C
Latitude: 40°53' 04.06" N
Longitude: 74°31' 07.20" W
Description: Manhole #2 (Process ONLY)

SUMMARY OF PERMIT CONDITIONS (see attached Table 1):

The following pollutants are regulated: BOD₅, CBOD₅, Total Suspended Solids (TSS), Total Dissolved Solids (TDS), pH, Oil & Grease (HEM), Total Petroleum Hydrocarbon (TPHC), Total phosphorus, Ammonia-Nitrogen (NH₃-N), Copper, Chromium, Fluoride, Lead, Molybdenum, Nickel, Selenium, Zinc, Cyanide, Phenols, Arsenic, Cadmium, Mercury, and flow.

The basis for the limitations established is summarized in the local limits evaluation report titled RVRSA Local Limit Study, dated November 2014, last revised December 2016, including the April 14, 2017 Addendum; approved by the NJDEP on April 24, 2017, and approved by the RVRSA board on August 10, 2017 and on December 14, 2017.

Below is a summary of key aspects of this renewal application.

1. *Flow:* Flow limitation is carried over from the previous permit.
2. *Parameters of Concern:* The following parameter has been an issue during the previous permit cycle: NH₃-N.
3. *Other parameters:* The following parameters limitations have been updated or have been added as per the local limits study dated, November 2014, last revised December 2016, including April 14, 2017 Addendum; approved by the NJDEP on April 24, 2017, and approved by the RVRSA board on August 10, 2017 and on December 14, 2017. **Limitation updated:** CBOD₅, BOD₅, total suspended solids (TSS), ammonia-nitrogen (NH₃-N), oil & grease (HEM), arsenic, cadmium, chromium, copper, lead, mercury, nickel, zinc and cyanide. **Parameters added:** TPHC, molybdenum, and selenium. **Parameters removed:** Silver

VARIANCES OR ALTERNATIVES TO PERMIT CONDITIONS:

None

REGULATIONS APPLICABLE TO THIS PERMIT ACTION:

This permit is issued in accordance with N.J.S.A 58:10A-6f, N.J.A.C. 7:14A-19.8, and 40CFR Part 403.8. Requirements for the contents of this Fact Sheet are in accordance with N.J.A.C. 7:14A-15.8.



This facility is subjected to 40 CFR § 468 Copper Metal Forming Point Source Category; 40 CFR § 468.15 Pretreatment Standards for New Sources; 40 CFR § 471 Metal Forming and Metal Powders Point Source Category, Subpart C: Nickel – Cobalt Forming Subcategory; 40 CFR § 471.35 Pretreatment Standards for New Sources (PSNS), Subpart F: Titanium Forming Subcategory; and 40 CFR § 471.65 Pretreatment Standards for New Sources (PSNS).

INDUSTRIAL PRETREATMENT PROGRAM CONTACT PERSON:

Additional information concerning this permit may be obtained from Natalie Pisarcik, RVRSA IPP Coordinator, at 973-263-1555, ext. 213.



TABLE – 1A : DISCHARGE LIMITATIONS

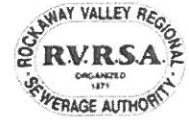
MCWILLIAMS FORGE

Sample Location: Combined Discharge Manhole (DSN – 01)

Parameter	Daily Max. Limit	Mo. Avg. Limit	Sample Frequency	Sample-Type
Flow	Report	7,700 GPD (3)	Continuous	Metered
CBOD ₅	500 mg/L (1) (2)		Quarterly	Composite
BOD ₅	Report		Quarterly	Composite
TSS	500 mg/L (1) (2)		Quarterly	Composite
TDS	Monitor		Quarterly	Composite
pH	5.5 - 9.5 S.U. (1) (4)		Quarterly	Grab
O & G (HEM)	350 mg/L (1)		Quarterly	Grab
TPHC	150 mg/l (1)	100 mg/L (1)	Quarterly	Grab
Phosphorus (T)	Report		Quarterly	Composite
NH ₃ -N	80 mg/L (1) (2)		Quarterly	Composite
Copper	1.7 mg/L (1)		Semi-Annually	Composite
Chromium	1.3 mg/L (1)		Semi-Annually	Composite
Fluoride	Report		Semi-Annually	Composite
Lead	1.0 mg/L (1)		Semi-Annually	Composite
Molybdenum	0.3 mg/L (1)		Semi-Annually	Composite
Nickel	0.8 mg/L (1)		Semi-Annually	Composite
Selenium	0.2 mg/L (1)		Semi-Annually	Composite
Zinc	2.1 mg/L (1)		Semi-Annually	Composite
Cyanide	0.5 mg/L (1)		Semi-Annually	Grab
Phenols	Report		Semi-Annually	Grab
Arsenic	0.2 mg/L (1)		Annually	Composite
Cadmium	0.4 mg/L (1)		Annually	Composite
Mercury	0.06 mg/L (1)		Annually	Composite

Notes:

- (1) Discharge limits are based upon the RVRSA local limits.
- (2) CBOD₅ or TSS concentration exceeding 250 mg/l and NH₃-N concentration exceeding 40 mg/L are subject to the Surcharge for Wastewaters of Excessive Strength as per Section 8B of this ISCP. Permittee may not discharge over the CBOD₅ limit of 500 mg/L, the TSS limit of 500 mg/L, or the NH₃-N limit of 80 mg/L unless a variance has been issued by the RVRSA providing therefore.



Discharges above the above stated limitations will be considered a permit violation and subject to applicable enforcement actions.

- (3) Monthly average of flow is based on combined flow.
- (4) The pH sample shall be analyzed by a NJDEP certified lab, within 15 minutes of collection of the sample.

Additional Notes:

The Self-Monitoring Report (SMR) is due and shall be received by the RVRSA office on or before the 21st day of the month following the sampling month, or next business day (if date shall fall on a weekend and/or holiday). If no pollutant sample is collected or analyzed during a month, then the monthly report shall include at least flow data.

Parameters shall be tested according to monitoring frequency and submitted in accordance to the SMR along with copies of analytical results and the chain of custody. All SMR's submitted must comply and contain the signatory requirement as required under 40 CFR § 403.6 (a)(2)(ii) and it must be signed by a responsible corporate officer as required under 40 CFR § 403.12(l).

Composite samples shall be collected over a twenty-four (24) hour period (programmed to sample every 15 minutes, unless otherwise stated). Each composite sample shall be a representative composite of the regulated discharge (e.g. 24-hour composite sample for 24-hour operation/discharge).

This facility is subject to 40 CFR § 471 "Non-Ferrous Metal Forming and Metal Powders Point Source Category", Subpart C: "Nickel-Cobalt Forming Subcategory"; 40 CFR § 471.35 "Pretreatment Standards for New Sources"; Subpart F: "Titanium Forming Subcategory", and 40 CFR § 471.65 "Pretreatment Standards for New Sources".

The "Quarterly" sampling shall occur during the following months:

- 2018: January, April, July, October
- 2019: February, May, August, November
- 2020: March, June, September, December
- 2021: January, April, July, October

The "Semi-Annually" sample period shall correspond to the January – June and July – December months.



The "Annually" sample period shall correspond to the January – December calendar year.

TABLE 1-B : DISCHARGE LIMITATIONS (Co-Ni & Ti Process ONLY)

MCWILLIAMS FORGE

Sample Location: Co-Ni & Titanium Categorical Sampling Location (DSN-01B)

Parameter	Daily Max. Limit (1)	Mo. Avg. Limit (1)	Sample Frequency	Sample-Type
NH3-N	880.4 mg/off-kg/day	387.1mg/off-kg/day	Quarterly	Comp (2)
Chromium	1.67 mg/off-kg/day	0.68 mg/off-kg/day	Quarterly	Comp
Cyanide	1.92 mg/off-kg/day	0.79 mg/off-kg/day	Quarterly	Comp
Fluoride	662.6 mg/off-kg/day	293.6 mg/off-kg/day	Quarterly	Comp
Lead	2.78 mg/off-kg/day	1.32 mg/off-kg/day	Quarterly	Comp
Nickel	2.49 mg/off-kg/day	1.67 mg/off-kg/day	Quarterly	Comp
Zinc	9.66 mg/off-kg/day	4.03 mg/off-kg/day	Quarterly	Comp

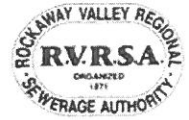
Notes:

- (1) Discharge limit calculations are included in attached Table 2-A. The discharge limits include combined pollutant allowances based upon both Cobalt-Nickel and Titanium forming categorical processes and discharges.
- (2) An MS-Excel Discharge Monitoring Report (DMR) Form-1 has been provided to McWilliams Forge for its use and submission to the RVRSA. Based upon the production and discharge volume data input from McWilliams, the DMR Form-1 calculates the discharge limits (in mg/l) and compares them with the sample data (in mg/l) for compliance assessment for the sampling period. See the attached hardcopy of the DMR.

Additional Notes:

The categorical compliance sample shall be collected when there is categorical process discharge from both Cobalt-Nickel and Titanium forming processes, during the sample day. If there is more than one process wastewater batch discharged during the sample day, then the compliance sample shall be composite of all batches discharged during the 24-hour sampling period.

The Self-Monitoring Report (SMR) is due and shall be received by the RVRSA office on or before the 21st day of the month following the sampling month, or



next business day (if date shall fall on a weekend and/or holiday). If no pollutant sample is collected or analyzed during a month, then the monthly report shall include at least flow data.

Parameters shall be tested according to monitoring frequency and submitted in accordance to the SMR along with copies of analytical results and the chain of custody. All SMR's submitted must comply and contain the signatory requirement as required under 40 CFR § 403.6 (a)(2)(ii) and it must be signed by a responsible corporate officer as required under 40 CFR § 403.12(l).

Composite samples shall be collected over a twenty-four (24) hour period (programmed to sample every 15 minutes, unless otherwise stated). Each composite sample shall be representative composite of the regulated discharge (e.g. 24-hour composite sample for 24 hr. operation/discharge).

This facility is subject to 40 CFR § 471 "Non-Ferrous Metal Forming and Metal Powders Point Source Category" under Subpart-C: "Nickel-Cobalt Forming Subcategory" (40 CFR § 471.35 Pretreatment Standards for New Sources); and Subpart-F: "Titanium Forming Subcategory" under 40 CFR § 471.65 Pretreatment Standards for New Sources (PSNS).

The "Quarterly" sampling shall occur during the following months:

- 2018: January, April, July, October
- 2019: February, May, August, November
- 2020: March, June, September, December
- 2021: January, April, July, October



TABLE 1-C : DISCHARGE LIMITATIONS (Copper Process ONLY)

MCWILLIAMS FORGE

Sample Location: Copper Forming Categorical Sampling Location (DSN-01C)

Parameter	Daily Max. Limit (1)	Mo. Avg. Limit (1)	Sample Freq	Sample-Type
Chromium	7.211 mg/off-kg/day	2.911 mg/off-kg/day	Quarterly	Comp (2)
Copper	24.95 mg/off-kg/day	12.019 mg/off-kg/day	Quarterly	Comp
Lead	1.948 mg/off-kg/day	1.752 mg/off-kg/day	Quarterly	Comp
Nickel	10.719 mg/off-kg/day	7.211 mg/off-kg/day	Quarterly	Comp
Zinc	19.882 mg/off-kg/day	8.184 mg/off-kg/day	Quarterly	Comp
TTO (3)	6.625 mg/off-kg/day	6.625 mg/off-kg/day	Quarterly	Comp
Oil/Grease	194.96 mg/off-kg/day	194.96 mg/off-kg/day	Quarterly	Comp

Notes:

- (1) Discharge limit calculations are included in attached Table 2-B. The discharge limits include combined pollutant allowances based upon Copper Forming categorical processes performed and process wastewater discharges.
- (2) An MS-Excel Discharge Monitoring Report (DMR) Form-2 has been provided to McWilliams Forge for its use and submission to the RVRSA. Based upon the production and discharge volume data input from McWilliams, the DMR Form-2 calculates the discharge limits (in mg/l) and compares them with the sample data (in mg/l) for the compliance assessment for the reporting period. See the attached hardcopy of the DMR form.
- (3) A "Non-use Certification" in lieu of sampling for the TTO parameter is allowed if none of the regulated TTO is used in the processes regulated under the Copper Forming category. The "Non-use Certification" shall be submitted each quarter.

Additional Notes:

The categorical compliance sample shall be collected when there is categorical process discharge from Copper Forming processes, during the sample day. If there is more than one process wastewater batch discharged during the sample



day, then the compliance sample shall be composite of all batches discharged during the 24-hour sampling period.

The Self-Monitoring Report (SMR) is due and shall be received by the RVRSA office on or before the 21st day of the month following the sampling month, or next business day (if date shall fall on a weekend and/or holiday). If no pollutant sample is collected or analyzed during a month, then the monthly report shall include at least flow data.

Parameters shall be tested according to monitoring frequency and submitted in accordance to the SMR along with copies of analytical results and the chain of custody. All SMR's submitted must comply and contain the signatory requirement as required under 40 CFR § 403.6 (a)(2)(ii) and it must be signed by a responsible corporate officer as required under 40 CFR § 403.12(l).

Composite samples shall be collected over a twenty-four (24) hour period (programmed to sample every 15 minutes, unless otherwise stated). Each composite sample shall be representative composite of the regulated discharge (e.g. 24-hour composite sample for 24 hr. operation/discharge).

This facility is also subject to 40 CFR § 468 "Copper Metal Forming Point Source Category" under 40 CFR § 468.15 Pretreatment Standards for New Sources (PSNS).

The "Quarterly" sampling shall occur during the following months:

- 2018: January, April, July, October
- 2019: February, May, August, November
- 2020: March, June, September, December
- 2021: January, April, July, October



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R.V.R.S.A.

Rockaway Valley Regional Sewerage Authority
RD #1, 99 Greenbank Road Boonton, NJ 07005-9602
(973) 263 - 1555 / Fax (973) 263 - 9068

OWNERSHIP DISCLOSURE STATEMENT

Project Name: _____

Property Owner: McWilliams Forge Co.

Corporation Name: Precision Cast Parts Corp

Company Name: _____

Trading As: McWilliams Forge

Corporate and partnership Applicants must submit a statement setting forth the names and addresses of all stockholders in the corporation or partnerships who own 10% or more of its stock, of any class or of all individual partners in the partnership who own a 10% or greater interest therein, as the case may be. If one or more such stockholders hold 10% or more of that corporation's stock, or of the individual partners owning 10% or greater interest in the partnership, as the case may be, shall also be listed. The disclosure shall be continued until all names and addresses of every non-corporate stockholder and individual partner exceeding 10 % ownership has been listed.

Name	Address	% Ownership
<u>NA</u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

If any entity owns 10% or less, please indicate.

McWilliams Forge Co.
(Proprietor, Partnership or Corporation)

[Signature]
(Authorized Signature)

387 FRANKLIN AVE, ROCKAWAY NJ 07866
(Street address where notifications can be sent)

Jim Traynor
(Print Name)

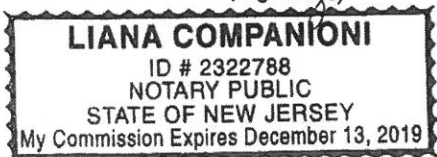
Controller
(Title)

12-22-16
(Date)

ATTEST:

[Signature]
(Signature)

Liana Compagnoni HR MGR
(Print Name and Title)



Feel free to duplicate this form as necessary.