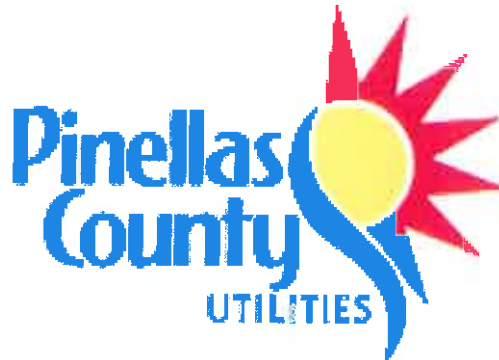


**PINELLAS COUNTY UTILITIES
INDUSTRIAL WASTEWATER DISCHARGE PERMIT**



PERMIT NUMBER IF-3002-2015/2018

In accordance with the terms and conditions of the Pinellas County Code 126-276 through 126-413 and applicable pretreatment provisions of Federal or State law or regulation:

Young - Rainey STAR Center

is hereby granted permission to discharge industrial wastewater from a facility located at:

**7887 Bryan Dairy Road, Suite 120
Largo, Florida 33777**

This permit is granted in accordance with the application filed in the office of the Director of Utilities and in conformity with the plans, specifications and other data which are filed with and considered as part of this permit, together with the appended named conditions and requirements. Violation of any permit provision, or of Section 126 of the Pinellas County Code, shall subject the permittee to enforcement actions.

**Effective October 1, 2015
To expire September 30, 2018**

A handwritten signature in blue ink, appearing to read "Michelle H. Maccini".

**Michelle H. Maccini
Senior Water Quality Management Specialist**

A handwritten date in blue ink, "9/29/15".

Date

A handwritten signature in blue ink, appearing to read "Michelle Milford".

**Michelle Milford
Manager of Monitoring and Laboratory**

A handwritten date in blue ink, "9/25/15".

Date

**PINELLAS COUNTY UTILITIES
INDUSTRIAL WASTEWATER DISCHARGE PERMIT PROVISIONS**

**Young – Rainey STAR Center
PERMIT #IE-3002-2015/2018**

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INDUSTRIAL WASTEWATER DISCHARGE PERMIT

This Industrial Wastewater Discharge Permit is issued to Young – Rainey STAR Center (Star Center), a Significant Industrial User regulated under Pinellas County Code Section 126, and FAC 62-625. Star Center is located at 7887 Bryan Dairy Road, Suite 120, Largo, Florida 33777, and discharges wastewater generated during processing at several businesses located on site and intermittent discharge from ground water remediation on site to the South Cross Bayou Wastewater Facility. This permit will be in affect from October 1, 2015 to September 30, 2018, and is issued in accordance with the following:

- Pinellas County Code (PCC) Sections 126-276 through 126-413
- Pinellas County Industrial Pretreatment Program Enforcement Response Plan (PCIPPERP)
- Florida Department of Environmental Protection Standard Operating Procedures Manual DEP-SOP-001/01 (2014) or latest version
- Florida Administrative Code (FAC) 62-625.100 through 62-625.880(4)
- Code of Federal Regulations (CFR), 40 CFR 403 through 40 CFR 471

SECTION A. STANDARD CONDITIONS

Reference to regulations and requirements are made frequently throughout the permit. Please consult the corresponding documents for further clarification. The PCC is adopted by reference in this permit, including the following permit Standard Conditions:

1. **Permit Duration** - This permit shall be issued for a time period not to exceed one year. The terms and conditions of the permit may be subject to modification by Pinellas County Utilities (PCU) during the term of the permit as limitations or requirements of this agreement are modified, as stated in Section A. #2.
2. **Modification or Revision of the Permit** - Reference PCC 126-358. The permittee shall have an opportunity to discuss proposed changes in the permit at least 30 days prior to the effective date of change. Any changes or new conditions in the permit shall include a reasonable time schedule for compliance.
3. **Water Supply Severance** - Reference PCC 126-405.
4. **Continuation of Expired Permit** - Reference PCC 126-361.
5. **Closures** - Reference PCC 126-381. The permittee shall notify PCU a minimum of 60 days prior to initiation of any closure activities.
6. **Duty to Reapply** - Reference PCC 126-360. The County shall notify the permittee 90 days prior to the expiration of the permittee's permit. Within 30 days of the notification, the permittee shall reapply for reissuance of the permit on a form provided by the County.

7. **Limitation on Permit Transfer** - Reference PCC 126-359. The Permittee shall comply with PCC 126-359 and, if approved, must provide a copy of the current permit to the new owner/operator.
8. **Revocation of Permit** - Reference PCC 126-362.
9. **Signatory Requirements** - Reference PCC 126-364.
10. **Right of Entry** - Reference PCC 126-281.
11. **Records Retention** - Reference PCC 126-376.
12. **Confidential Information** - Reference PCC 126-283.
13. **Dilution** - Reference PCC 126-331.
14. **Bypass** - Reference PCC 126-406.
15. **Slug Control Plan** - Reference PCC 126-382.
16. **Definitions** - Reference PCC 126-276.
17. **Proper Disposal of Pretreatment Sludge and Spent Chemicals** - The disposal of sludge and spent chemicals generated shall be done in accordance with applicable State and Federal regulations, specifically Section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.
18. **Property Rights** - Reference PCC 126-352. Obtaining and complying with the conditions of a wastewater discharge permit does not relieve a permittee of its obligation to comply with all federal and state pretreatment standards or requirements or with any other requirements of federal, state, or local law, including but not limited to local zoning laws.
19. **BOD and TSS Exceedences** - Reference PCC 126-329 and Resolution No. 13-137 – Exhibit A. Occasional discharges in excess of the local surcharge limits for BOD of 450 mg/L and TSS of 650 mg/L will be allowed provided they do not exceed the maximum limit of 5,000 mg/L. Chronic exceedences of BOD and TSS above the surcharge limits shall be subject to payment of additional costs, as provided in 126-354(1) C.

SECTION B. WASTEWATER DISCHARGE CONDITIONS

The permittee shall comply with all the prohibitions and limitations on discharge, as stated in PCC Sections 126-327, 328 and 329. The permittee's discharge shall comply with all other requirements contained in the PCC, and any applicable State or Federal laws, regulations, standards, and requirements, including those which may become effective during the term of this permit.

The permittee is authorized to discharge process wastewater to the PCU sewer system in accordance with: a) local standards set forth in PCC Sections 126-327 and 126-329, and b) the conditions contained within this permit. Where both Categorical Standards and local standards limit a pollutant, the more stringent of the two shall be used to assess compliance.

In accordance with PCC Section 126-380, the permittee is required to sample, analyze, and report on the volume and quality of its wastewater discharge to the PCU sewer system. The required information shall be reported for each sampling event on the report forms provided by the PCU, in accordance with the reporting requirements set forth in Section C, #1.

- 1. EFFLUENT STANDARDS AND MONITORING FREQUENCY** - The permittee shall comply with the effluent standards and self-monitoring frequencies specified in the following table. These standards are applied to the permittee's discharge at the sampling point(s) specified in Section B, #2. PCU reserves the right to require more frequent monitoring or to modify the effluent standards in accordance with PCC Section 126-358.

Parameter	Units	Local Daily Maximum Discharge Standard	Monitoring Frequency ¹	Maximum MDL
Composite Samples:				
BOD, 5 day	mg/L	5000	2x/Year	1250
TSS	mg/L	5000	2x/Year	1250
Arsenic	mg/L	0.1	2x/Year	0.02
Cadmium	mg/L	0.14	2x/Year	0.04
Chromium	mg/L	2.6	2x/Year	0.65
Copper	mg/L	1.0	2x/Year	0.25
Lead	mg/L	0.6	2x/Year	0.15
Mercury	mg/L	0.062	2x/Year	0.016
Molybdenum	mg/L	0.16	2x/Year	0.04
Nickel	mg/L	1.0	2x/Year	0.25
Selenium	mg/L	0.35	2x/Year	0.09
Silver	mg/L	2.0	2x/Year	0.5
Zinc	mg/L	2.0	2x/Year	0.5
Grab Samples:				
VOA, total ²	mg/L	0.05	Daily ²	0.0125
Cyanide, total	mg/L	1.0	2x/Year	0.25
Phenols	mg/L	5.0	2x/Year	1.25
Temperature - max	°C	65.5	Continuous ³	----
pH – min/max range	S.U.	5.0 – 11.0	Continuous ³	----

TABLE NOTES:

- 1) For all 2x/Year monitoring frequencies - the first sampling event shall take place **during** April and the second sampling event shall take place **during** October of each year.
 - 2) Total Volatile Organic Aromatics (VOA) - For ground water discharge only. See Special Condition - Section D.3. The VOA Standard of 0.05 mg/L is a threshold value used for monitoring and reporting purposes only.
 - 3) Refer to Monitoring Procedures section B.3. for pH and temperature monitoring requirements.
2. **MONITORING SITE DESCRIPTION** - As required by PCC Section 126-312, the permittee shall provide a suitable sampling point or points at a specified location to monitor the wastewater discharged to the PCU sewer system. The permittee shall maintain the sample point as needed, including cleaning and/or pressure washing to prevent the accumulation of solids, oil/grease, or sludge. The sampling point(s) and monitoring equipment shall be subject to approval by PCU. All monitoring of the permittee's wastewater discharge shall be performed at the sampling point(s) specified in this permit. The sampling point(s) shall not be changed without notification to and approval by PCU. The permitted sampling point(s) is (are) as follows:
- The combined wastewater discharge flume located in the pretreatment area west of the main building is to be utilized to collect all samples except for processed ground water discharge.**
- All processed groundwater discharge sampling shall be collected at the end of treatment process and prior to mixing with other wastestreams.**
3. **MONITORING PROCEDURES** - In accordance with PCC Section 126-330, all monitoring procedures, sample preservation, and sample handling shall be in accordance with the FDEP SOP. If a contract laboratory will be performing monitoring for the permittee, the contract laboratory must follow the applicable collection and quality control protocols and requirements described in DEP- SOP-001/01 (2014) or latest version. Samples shall be collected by the method appropriate for the type of analyses to be performed, taking into consideration the type and frequency of the discharge.

Composite samples are required when analyzing for metals, TSS, and BOD. The volume of each individual grab sample shall be no less than 100 ml. The total volume of the composite sample shall be no less than two liters. Samples may be composited manually or using an automatic sampler. Time composite samples shall consist of individual grab samples collected at least once an hour and combined into a single container. Flow-proportional composite samples shall consist of individual grab samples collected at a flow interval such that at least one sample is collected each hour, which are combined into a single container. Star Center is required to collect flow proportional composite samples. If flow proportional sampling is not feasible the permittee may collect time composite samples.

Grab samples are required when analyzing wastewater for pH, temperature, cyanide, sulfides, total phenols, and volatile organics. Sample testing and pretreatment for cyanide and volatile organics must be performed in accordance with the DEP-SOP-001/01 (2014) or latest version. Automatic samplers may not be used for collection of volatile organic samples, unless otherwise specified in Section D (Special Conditions) of this permit. All samples shall be collected during normal operational hours at a time when the flow is representative of the discharge. Operational hours shall include all cleaning activities that generate wastewater.

NOTE: If manual grab samples for pH analyses are required, they shall be collected at a minimum interval of every two hours during all times when discharge occurs. Alternatively, the permittee may monitor the pH of its regulated waste stream continuously by installing a continuous pH meter/recorder. If the continuous pH meter is out of service for more than two hours, the permittee shall revert to manual pH grabs until such time as the meter is returned to service.

4. **ANALYTICAL PROCEDURES** - In accordance with Section 304(h) of the Federal Clean Water Act, all analytical methods used by the permittee shall conform to the methods prescribed in 40 CFR 136. Analytical procedures shall be as specified in the DEP-SOP-001/01 (2014) or latest version. If a contract laboratory will be performing the analyses for the permittee, the contract laboratory must hold National Environmental Laboratory Accreditation Program (NELAP) certification from the Florida Department of Health's Environmental Laboratory Certification Program (DOH ELCP). The analytical method detection limit used for each parameter must be less than or equal to 25% of the most stringent discharge standard for that parameter.
5. **QUALITY CONTROL** - The permittee shall implement an adequate quality assurance and quality control program in accordance with the DEP-SOP-001/01(2014) or latest version. This program shall address monitoring, sampling, sample handling, pretreatment and preservation, and sample analysis procedures. It shall include the types of documentation that will be completed for each of these activities, and record keeping procedures (Section B, #6).

The permittee shall calibrate, inspect, and perform maintenance procedures on all monitoring and analytical instruments at regular intervals to ensure the accuracy of measurements according to manufacturer's specifications, or at a minimum of once per year--whichever is more frequent. Manual pH meters must be calibrated daily. Continuous pH meters must be calibrated weekly. All pH meters must be calibrated using a minimum of a two-point calibration. pH meter calibration must be documented on forms (or in the format) provided by the PCU.

6. **RECORD KEEPING** - For each compliance sample collected or measurement taken, the permittee shall record all information required by this permit or the DEP-SOP-001/01 (2014) or latest version in a bound notebook or other approved format. When continuous pH meters are used, the permittee is required to maintain all pH charts in an orderly file. This information may be logged in more than one location, provided that all information is clearly linked to the sample event by date, time and/or equipment identification numbers. These records shall be made available to PCU at all times, in accordance with PCC Section 126-376. Records shall be maintained on site for a period of three years.

SECTION C. REPORTING REQUIREMENTS

1. **SELF-MONITORING REPORT** - In accordance with PCC Section 126-380, the permittee shall submit the self-monitoring results obtained during the previous reporting period to PCU on the provided report forms. The reports shall be post marked no later than the 15th day of the month following the completed reporting period. The reporting period for this permit is monthly. Self-monitoring reports shall be submitted to the address provided in C.6. at the end of this section. The items listed below shall be included as part of the self-monitoring report. The Self-Monitoring Report Form has been designed to assist the permittee in completing this information.
 - A. Water Usage. The permittee shall report total monthly and daily average water usage. The permittee shall monitor its incoming water volume by recording water meter readings on the first day of operation of each month; these records shall be made available to PCU upon request.
 - B. Discharge Flow. The permittee shall report total monthly and daily average discharge flow. The permittee shall monitor its discharge volume by recording flow meter readings on the first day of operation of each month and/or calculate the discharge flow using process flows, evaporation, cooling tower, in-product use, and other pertinent measurements, as applicable. These records shall be made available to PCU upon request. If no discharge occurs during the reporting period, "no discharge" shall be reported.
 - C. Total Days of Production. The permittee shall report the number of days the facility was in operation during each calendar month. Production days shall include all days when any process discharge occurred, including discharge from cleaning operations.
 - D. Analytical Results. The permittee shall submit the analytical results for all samples obtained, using FDEP SOP (2014) or latest version approved procedures, during each month. If the permittee monitors any pollutant more frequently than is required by this permit, the results must be submitted with the permittee's self-monitoring reports, as required by PCC Section 126-380. If the permittee was provided with split samples from PCU sampling, the analytical results for these samples shall also be reported; however, this data shall be supplied on a separate page from the user self-monitoring. The following information must be included for each sample analyzed: copies of all chain-of-custody records and analytical reports which must include the date(s) and time(s) of sample collection, date(s) and time(s) of sample analysis, and sampler and laboratory identification.
 - E. Violation Reporting. The permittee must notify PCU within 24 hours upon becoming aware of any violation. The permittee must also resample its waste stream within 30 days of any noted violation for that parameter, in accordance with PCC Section 126-385 and FAC 62-625.600 (6)(b), unless additional sampling for that parameter has occurred since the noncompliant sample was collected. The reason(s) for non-compliance and any step(s) being taken by the permittee to comply shall be included with the self-monitoring report.

- F. pH Violations. All pH violations longer than 15 minutes shall be reported on the pH/ Temperature Violation Summary. This summary shall include the date, time, duration, and a brief description of the cause of each violation. Businesses that demonstrate a recurrent pattern of frequent, short duration excursions of <15 minutes shall also be subject to enforcement actions in instances where total time of excursions > 30 minutes of any one hour time frame. The permittee shall follow procedures as stated in Section C. 3. Accidental Discharge Reporting for notification of pH violations that last more than one hour in duration or are within the hazardous range of ≤ 2.0 or ≥ 12.5 , and include a copy of the pH chart indicating the excursion, time of day, and chart scale.
- G. Temperature Violations. Discharge of wastewater with temperature exceeding the permit limit shall be permitted, provided that the duration of the discharge is less than 15 minutes. Discharges that exceed the temperatures limit with a duration longer than 15 minutes shall be reported on the pH/Temperature Violation Summary. This summary shall include the date, time, duration, and a brief description of the cause of each violation. The permittee shall report temperature violations that last more than one hour by telephone within 24 hours of occurrence.
- H. Changes in Discharge Flow Volume. The permittee shall notify PCU of any substantial change ($\geq 20\%$) in the volume of the wastewater being introduced into the PCU sewer system. The **average discharge flow to the sample point** used in development of this permit is **54,000 gallons per day** (gpd). This notification shall be submitted with the self-monitoring report for the month in which the change occurs.
- I. Temperature and pH Self Monitoring Reporting. The permittee shall take temperature and pH of the wastewater discharge upon each sample event required under table in Section B.1 of this permit. The temperature and pH values shall be documented on the sampling Field Data Record or Chain of Custody and submitted with the monthly self-monitoring report.
- J. Batch Discharges From Groundwater Remediation. The permittee shall meter groundwater batch discharges. The permittee shall record the date, time, and beginning and ending meter reading for each month and for each discharge; these records shall be made available to PCU at all times. The monthly total for batch discharges shall be reported on the self-monitoring report forms.
2. **ANNUAL WASTE SUMMARY** - The permittee shall submit a summary report documenting waste disposal for the calendar year. This report shall include the type, quantity, transportation date, transporter, and disposal site of all wastes generated by the permittee. Copies of waste manifests for the calendar year will suffice, if all the requested information is included on the manifests. The permittee shall submit this report to PCU by **January 15th** of each year for the previous year.

3. **ACCIDENTAL DISCHARGE REPORTING** - The permittee shall immediately notify PCU by phone upon the occurrence of an accidental discharge or facility changes which could potentially cause a slug discharge to the PCU sewer system, in accordance with PCC Section 126-383. A detailed, written report describing the circumstances, causes, and remedies must be submitted to PCU within five calendar days of the occurrence. A copy of the Accidental Discharge Notification Procedure is included with this permit, to be posted in areas where accidental discharge may occur or be recorded.
4. **UPSET NOTIFICATION** - The permittee shall notify PCU by phone within 24 hours of first awareness of any upset (as defined in PCC Section 12 6-406(a), that places it in a temporary state of non-compliance with wastewater discharge standards contained in this permit, or other limitations specified in the PCC. A detailed, written report describing the circumstances, causes, and remedies must be submitted to PCU within five calendar days of the occurrence.
5. **PROCESS CHANGES** - In accordance with PCC Section 126-381, the permittee shall notify PCU prior to the introduction of new wastewater or pollutants, or of any changes, additions, or deletions to the pretreatment process. A formal written notification shall be submitted to PCU 30 days prior to such change.
6. **REPORT SUBMISSION** - All reports must be submitted with Star Center's Responsible Corporate Officer's original signature. PCU will accept only original or first quality copies of report documentation. E-mailed reports, faxed reports or copies of faxed reports will not be accepted. All reports shall be submitted to the following address:

Pinellas County Utilities
Attention: Industrial Pretreatment Program
1620 Ridge Road, Building A
Largo, Florida 33778

SECTION D. SPECIAL CONDITIONS

1. The permittee shall notify this office at least 48 hours prior to the discharge of processed groundwater to the sewer and provide the following information: location of the groundwater site, estimated flow rate and daily volume, and estimated duration of discharge. The permittee shall record the flow meter reading at the start of discharge and at end of the discharge. Records documenting discharge date, time, and volume shall be made available to PCU upon request. Groundwater discharge values for the month shall be reported on the monthly self-monitoring report. If no discharge occurred during the reporting period, "no discharge" shall be reported in the space provided.

2. Samples for Volatile Organic Aromatics (VOA), as well as samples for any parameters known or suspected to be present in the processed groundwater discharge are required to be collected at the frequency specified in Section B. 1. All samples associated with processed groundwater discharge are to be collected at the end of the processed groundwater treatment and prior to mixing with other waste streams.
3. During processed groundwater discharge, the following VOA samples shall be collected: Benzene, Chlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, Ethylbenzene, Toluene, Xylene (total). In addition, samples shall be collected for any parameters known or suspected to be present in the processed groundwater discharge. As per Section C. 1. D. of this permit, any data from samples collected from the processed groundwater treatment discharge sampling point is required to be submitted with the monthly self-monitoring report (including wastewater samples collected for other regulatory agencies).
4. The permitted will immediately cease discharge of processed groundwater to the sewer system upon notice by the County that such discharge is adversely affecting the biological treatment process or efficient operation of the wastewater treatment facility receiving the processed groundwater.
5. In accordance with the Schedule of Rates and Fees, the permittee may be subject to a fee for processed groundwater discharged to the Pinellas County sewer system.
6. The permittee shall submit an Industrial User Survey (IUS), for each business that has connection to the Star Center sanitary and/or industrial waste water collection systems, at least thirty (30) days prior to the start up and/or discharge to the waste treatment system (reference attached IUS).
7. The permittee shall submit updated information or a certification statement indicating the Slug Control Plan on file is accurate. The permittee shall submit this update to PCU by January 15th of each year.

SECTION E. ENFORCEMENT

Failure to comply with the requirements of this permit or the PCC shall constitute a violation of the PCC and shall be punishable by the administrative remedies provided in PCC Section 126-401, and the civil remedies and/or the Ordinance violation penalties provided in PCC Sections 126-402 through 126-406. If a violation is continued, each day of such violation shall constitute a separate offense. The PCIPPERP which addresses specific instances of noncompliance and defines resulting enforcement action, including penalty amounts. While enforcement will normally begin with the first level of action listed, the IPP reserves the right to initiate enforcement at a higher level depending upon the severity of the violation. The same is true with escalation; while fine amounts or level of enforcement will normally escalate in accordance with the PCIPPERP, more or less rapid escalation is permitted. In selecting the appropriate enforcement action from the PCIPPERP several factors will be considered including compliance history, success of previous enforcement actions taken against the permittee, the potential impact of the violation on the collection and treatment systems, and the good faith of the permittee.

PCU is the Control Authority and may take any, all, or any combination of the following actions in response to violations of the PCC or any permit condition.

1. **Administrative Remedies.** Administrative remedies will be assessed in accordance with PCC Section 126-401 and with the PCIPPERP.
2. **Civil Penalties.** In accordance with PCC Section 126-401(7), the Control Authority may assess civil penalties in the amount of at least \$1,000.00 per violation.
3. **Criminal Penalties.** In accordance with PCC Section 126-403, violation of this Article will be punishable, upon conviction, by a fine not to exceed \$1,000.00 per day or by imprisonment in the County jail not to exceed 60 days, or by both such fine and imprisonment pursuant to the provisions of F.S.125.69.

The Control Authority may recover reasonable attorneys' fees, court costs, and other expenses associated with enforcement activities, including sampling and monitoring expenses, and the cost of any actual damages incurred by the County in accordance with the Pinellas County Environmental Enforcement Act.