



ADMINISTRATOR'S REPORT
Kevin Bronson
OFFICE OF THE CITY ADMINISTRATOR
WESTMINSTER, SOUTH CAROLINA

August 23, 2024

GENERAL INFORMATION

South Carolina Department of Natural Resources

The South Carolina Drought Response Committee met on August 13, 2024, to review county level drought statuses. Following periods of heavy rainfall in recent weeks associated with Tropical Storm Debbie, the Committee downgraded many counties to normal level. Oconee County, however, remains in "incipient drought" (the lowest level of drought above normal). The City has not had noticeable issues with its raw water intake on the Chauga River and will continue to monitor the situation closely. Additionally, Assistant City Administrator Reagan Osbon serves on the Upper Savannah River Basin Council and receives updates from SCDES staff. The full report from SC Climatologist Hope Mizell is attached.

SC Emergency Management Division (SCEMD) Backup Generator Grant

In late 2023, The City of Westminster was awarded a grant of \$286,260 (\$257,634 grant, \$28,626 local) by SCEMD to install backup electric generators at City Facilities. The City hosted the pre-bid meeting on Wednesday, July 24 with two prospective bidders. At their request, the City will extend the bid opening deadline to August 30, with the intent to present the bids to the Council for award at the September 10 City Council Meeting. The solicitation for bids and addendum can be found at <https://westminstersc.org/departments/administration/#bids>.

Anderson Park Renovation Project, Second Re-bid

A revised solicitation for Anderson Park improvements was issued today and may be found at the link below. The South Carolina Department of Commerce who provided the \$250,000 Community Development Block Grant (CDBG) approved the revised scope of work for the project. The grant will now cover improvements to the park immediately behind Park Place restaurant. The improvements include creating an ADA parking area, small walking track and two picnic shelters. Previously the grant included these components as well as new ADA playground equipment. The ADA playground equipment will be moved to a future improvement phase. No timeline has been established for the future improvement phase(s). <https://westminstersc.org/departments/administration/>

This Week in Rec: An Update from Recreation Director Herb Poole

- The Recreation Department is seeking sponsors for Fall Sports. More information can be found at <https://www.facebook.com/westminsterrecreationdepartment/> or at the Civic Center.
- All fall sports have begun practice and games will begin after Labor Day.

USDA-RD Water System Projects

Two contractors are being utilized to install the water system improvements funded by the USDA-RD. Both contractors are on schedule.

Arrowood General Contracting is responsible for a grouping of projects entitled Division 1.

- The project areas for Division 1 are: Dawn Drive; Dixon Rd; Phillip Lear; and Dr. Johns Rd.
- Arrowood has completed the installation of the water lines and is now making service connections.

Payne, McGinn, and Cummins is responsible for Division 2.

- The project areas in Division 2 are: sections of Highway 76; Welcome Church Rd to Berry Farm Rd; and Berry Farm Rd to Cleveland Pike Rd.
- Division Two is complete.

Westminster Planning Commission

Nothing to report.

OJRSA

The Operations & Planning Committee met Wednesday, August 21, 2024, the agenda is attached.

PMPA

The PMPA Board met August 22, 2024, the agenda is attached.

Of note in the agenda is an August 1, 2024 bond rating affirmation from FitchRatings of an A- with a Negative Outlook. From the rating report:

“The Negative Outlook reflects the weakened credit fundamentals at certain PMPA members, primarily due to narrowing operating cash flows in recent years. Certain PMPA members have recently implemented substantial rate increases which could improve their financial metrics. Improved fiscal 2024 financial metrics among the weaker PMPA members would lead to an Outlook revision to Stable. However, further weakening of credit fundamentals for member(s) accounting for at least 20% of the entitlement shares would pressure the rating.”

PLEASE MARK YOUR CALENDARS

August 27, 2024 at 9:00 am Finance & Administration Committee at OJRSA - *cancelled*

September 2, 2024 City Office closed in recognition of Labor Day

September 9, 2024 at 4:00 pm OJRSA Board Meeting at OJRSA

September 10, 2024 at 6:00 pm Westminster City Council Meeting at the Westminster Fire Department

September 18, 2024 at 8:30 am Operations & Planning Committee at OJRSA

September 19, 2024 at 10:00 am PMPA Board Meeting at PMPA

September 24, 2024 at 9:00 am Finance & Administration Committee at OJRSA

City Council Meeting Schedule

September 10, 2024	6:00 PM	November 12, 2024	6:00 PM
October 8, 2024	6:00 PM	December 10, 2024	6:00 PM

Special Events Calendar

August 27, 2024 from 5:30-8:00pm, Oconee Chamber of Commerce Boosted After Hours - Retreat Street Park and the Bluebird Nest

(The Chamber of Commerce will host an event in Downtown Westminster showcasing our Downtown and Merchants)

September 6-7, 2024 South Carolina Apple Festival – Downtown Westminster

(more details to come)

October 11-12, 2024 South Carolina Bigfoot Festival – Downtown Westminster

(more details to come)

October 31, 2024 Boo on Main - Downtown Westminster

(more details to come)

December 6, 2024 – Westminster Christmas Parade and Tree Lighting

(more details to come, rain makeup scheduled for December 13)



State of South Carolina
Department of Natural Resources

P.O. Box 167
Columbia, S.C. 29202
803-734-9035

Robert H. Boyles, Jr., *Director*
Ken Rentiers, *Deputy Director, Land, Water and Conservation*

TO: Public Water Systems
FROM: Hope Mizzell, Ph.D., S.C. State Climatologist, SCDNR *H.M.*
DATE: August 15, 2024
SUBJECT: S.C. Drought Committee Downgrades Drought Status for 38 counties

Memorandum

The S.C. Drought Response Committee downgraded 38 counties to normal conditions during their meeting on August 13, 2024, due to late July rain and heavy rain from Tropical Storm Debby. Oconee, Anderson, and Pickens counties remain in incipient drought and the drought status was downgraded only one level -- from moderate to incipient -- for Abbeville, McCormick, Edgefield, Greenwood, and Laurens counties (see attached press release).

Thank you to the water systems that have sent their updated plans to us for review. As discussed in the July memo, the South Carolina Department of Natural Resources (SCDNR) worked with the South Carolina Rural Water Association and several water systems around the State to develop a Drought Planning Guidebook that shares best practices and resources to help water systems update their plans and ordinances. You can access the Guidebook at http://scdrought.com/pdf/Drought_Planning_Guidebook.pdf.

Please send any ordinance or plan updates to drought@dnr.sc.gov. If you want a hardcopy of the Guidebook or are interested in attending a training session to help you update your plan, please email drought@dnr.sc.gov.

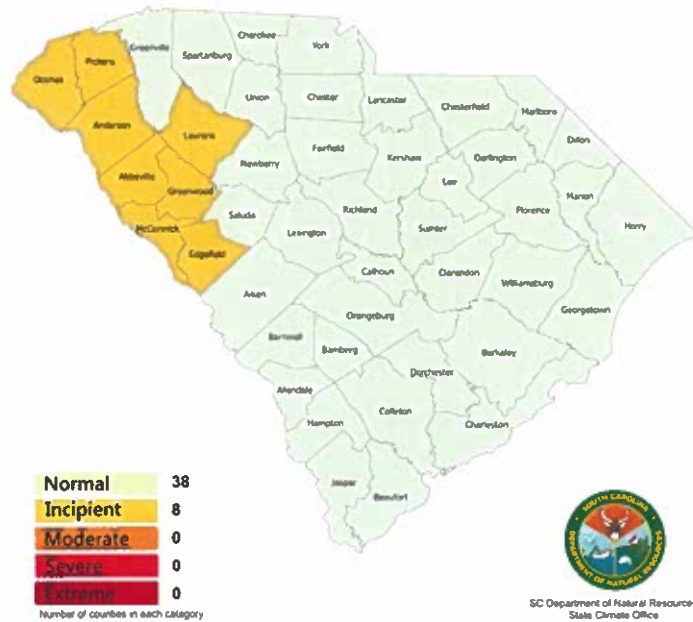
Please contact the S.C. Department of Environmental Services (SCDES) and the SCDNR if you anticipate any water supply problems due to the drought. Joe Koon, Director of the Water Resources, SCDES, joseph.koon@des.sc.gov, 803-898-4210
Hope Mizzell, S.C. State Climatologist, SCDNR, drought@dnr.sc.gov, 803-734-9568

The S.C. Drought Response Committee will meet again on September 4, 2024, to reexamine drought conditions. Additional drought information and resources are available at scdrought.com.

cc: Robert Boyles, SCDNR Director
Ken Rentiers, SCDNR Deputy Director, Land, Water and Conservation Division
Joe Koon, SCDES, Director of the Water Resources, Bureau of Water

Much of SC lifted out of drought by summer rain, Tropical Storm Debby

Drought Status: 08-13-2024



Media contact: Stephen Fastenau, SCDNR Office of External Affairs, 803-240-4385, fastenau@dnr.sc.gov

Aug. 13

Most of South Carolina is now free from drought as late-July rain and Tropical Storm Debby covered much of the state.

The S.C. Drought Response Committee, meeting via conference call Tuesday, downgraded 38 counties to normal conditions due to all the recent rain. Oconee, Anderson, and Pickens counties remain in incipient drought and the drought status was downgraded only one level -- from moderate to incipient -- for Abbeville, McCormick, Edgefield, Greenwood and Laurens counties.

Hope Mizzell and Elliot Wickham, with the S.C. State Climatology Office, presented drought indicators and data showing that Tropical Storm Debby brought the majority of the state between 5 to 10 inches of rain, with some locations reporting 15 to 20 inches. The

counties maintained in some level of drought missed the rain, reporting less than 2 inches (See table).

Select Highest Rainfall Totals By County from Tropical Storm Debby, Aug. 5-9, 2024

Moncks Corner 6.6 SW	22.02"	Bamberg	10.96"	Prosperity 4.0 E	4.33"
Green Pond 1.3 S	17.57"	Williston 4.3 NNW	8.41"	Leesville 8.0 N	3.85"
Kingstree 7.9 NW	11.85"	Bishopville 1.4 ENE	7.62"	Edgefield 3.3N	1.98"
Holly Hill 1 SW	11.84"	Swansea 6.1 SW	6.45"	Fountain Inn 4.6 S	1.53"
Mullins	11.51"	Chester 0.2 NNE	4.95"	Easley 4.8 NNE	0.48"
Rock Hill 4.8 SSW	11.30"	Spartanburg 3 SSE	4.85"	Powdersville 0.5 SSE	0.33"

“Excessive rainfall amounts in most of the state, primarily due to Tropical Storm Debby, have resulted in dramatic increases in streamflow and groundwater levels for the Coastal Plain and a significant part of the Piedmont,” said Scott Harder, hydrologist with the S.C. Department of Environmental Services. “These wet conditions supported the downgrade of the drought status to normal conditions for the entire northeast and southern Drought Management Areas (DMAs), most of the central DMA, and the southern half of the western DMA. However, counties in the upper Savannah basin and a few counties in the central DMA received notably less rainfall, and streamflow conditions have not improved as much compared to the rest of the state. Persistent below-normal flows in the upper Savannah basin have contributed to declining lake levels for Hartwell and Thurmond and has resulted in the Army Corps of Engineers declaring a Stage 1 drought level for the Savannah lakes last week. Therefore, an incipient drought status was retained for Oconee, Anderson and Pickens counties, and the drought status was downgraded only one level from moderate to incipient for Abbeville, McCormick, Edgefield, Greenwood, and Laurens counties.”

John Irwin, Laurens County cattleman and representative from the central Drought Management Area encouraged the committee to only downgrade the drought one level in Laurens and Greenwood, from moderate to incipient, based on lower rainfall totals from Debby and subsoil moisture deficiency. “It is just going to take time with the sporadic showers we are receiving to fully recover,” Irwin said.

The S.C. Forestry Commission (SCFC) has seen below average fire occurrence in recent weeks. Doug Mills, SCFC equipment and fleet manager, reported there are still a few areas that have high Keetch-Byram Drought Index numbers, but the rain and higher relative humidity has reduced fire danger in many areas.

According to Yvonne Kling, Aiken Soil and Water Conservation District chair and a drought committee member representing the western part of the state: “At the beginning of the summer farmers were in a world of hurt due to lack of spring and early summer rainfall. The recent rains some of the state has received has pulled most of us out of drought and greatly improved the grass and hay situation, but it seems it is too late for some crops. It is

not a question of too little too late, but too much too late for most. We are grateful for the improved outlook for precipitation as we head to fall and figure out what profits can be made in the future for agriculture.”

Sam Quinney, agricultural outreach director with the S.C. Department of Agriculture (SCDA) said that agricultural producers are feeling the reprieve from the drought status across the state.

“SCDA and other agencies will keep a close eye on the drier conditions on the northwest side of the state and its effects on producers,” Quinney said. “Growers in the Lowcountry and Pee Dee regions are facing excess moisture issues from the heavy rains, including flooding, field and crop damage, and increased mold and disease pressure. As water levels return to a normal status, agricultural producers pray for somewhat normal growing conditions to finish out the 2024 growing season on a positive note. Please continue to pray for growers and the hardships they face this growing season and in the future.”

Drought Response Committee Chairman Ken Rentiers extended his appreciation to all committee members, meeting participants, and the Governor’s Office for their diligence over the past months in monitoring the intensifying drought, providing information, and participating in the committee meetings. The drought may be over for 38 counties, but it is important to recognize that some counties are still very much dealing with drought impacts. The State Climatology Office and the Drought Response Committee will remain vigilant in monitoring conditions and the committee will reconvene Sept. 4.



Operations & Planning Committee Meeting

OJRSA Operations & Administration Building

Lamar Bailes Board Room

August 21, 2024 at 8:30 a.m.

Agenda

- A. Call to Order** – Bob Faires, Committee Chair
- B. Public Session** – Receive comments relating to topics on this agenda. Session is limited to a maximum of 30 minutes with no more than 5 minutes per speaker.
- C. Presentation and Discussion Items** *[May include Vote and/or Action on matters brought up for discussion]*
 - 1. Update on current projects (Exhibit A) – Chris Eleazer, Director
 - 2. Update on dewatering project to be funded by SCIIP grant – Steve Barbian, KCI
- D. Action Items to Recommend to the Board for Consideration**
 - 1. Authorize execution of a contract with WK Dickson for the extension of the Regional Feasibility Study to November 30, 2024 (Exhibit B) – Chris Eleazer, Director
 - 2. Consider a contract amendment for WK Dickson to continue assisting OJRSA with matters related to the Regional Feasibility Study, including but not limited to assistance related to the implementation of recommendations, identification of potential funding assistance that may be needed for implementation, attendance at meetings, and other services requested by the OJRSA in an amount not to exceed \$35,000 (Exhibit C) – Chris Eleazer, Director
 - 3. Consider proposed updates to the Sewer Use Regulation regarding fats, oils, and grease and other such matters as directed by the Board of Commissioners (Exhibit D) – Chris Eleazer, Director
- E. Executive Director’s Discussion and Compliance Concerns** – Chris Eleazer, Director
 - 1. Environmental and regulatory compliance
 - 2. Satellite Sewer System GIS data request
 - 3. Feasibility study items for Satellite Sewer Systems
 - 4. Miscellaneous *(if any)*
- F. Committee Members’ Discussion** – Bob Faires, Committee Chair
Discussion can be related to matters addressed in this meeting or for future consideration by this or another Committee. Voting is not permitted during this session.
- G. Upcoming Meetings** *All meetings to be held in the Lamar Bailes Board Room unless noted otherwise.*
 - 1. Finance & Administration Committee – *Meeting for August 27, 2024 has been canceled. Next committee meeting will be September 24, 2024 at 9:00 a.m.*
 - 2. Board of Commissioners – September 9, 2024 at 4:00 p.m.
 - 3. Operations & Planning Committee – September 18, 2024 at 8:30 a.m.
- H. Adjourn**

FY2025 O&M FUND PROJECTS

CONSENT ORDER ENGINEERING AND OPERATIONS AND MAINTENANCE TASKS

8/19/2024 17:00

Row #	FY 2025 O&M Project (Project # (if applicable); PM) <u>CANNOT CARRY OVER TO NEXT FISCAL YEAR WITHOUT BUDGET APPROVAL</u>	Approx % Complete	Anticipated Completion	Budget/PO/ Contract Amount (\$)	O&M PROJECT MILESTONES					Budget Remaining (\$)	GL Code (XXXXX = get from Office Mgr)	Comp. Performing (and Project Mgr)	
					Bids/RFQ/etc. Issue/Advertised	Req/Contract Signed	Started Work	Completed	Obligated/ Spent (\$)				
1	Consent Order 21-025-W Project: Biannual Report (CE)	15%	TBD	N/A	N/A	N/A	1/26/2022	9/11/2023	0	0	N/A	Chris Eleazer Executive Director	
2	GIS Update and Upgrade (CE)	0%	11/10/2024	32,000	N/A	7/30/2024	8/1/2024		0	32,000	Con Sys: Prof Svcs 601-02430	Danny Gant Weston & Sampson	
3	Rate and Fee Study (CE)	0%	4/15/2024						0	0	Admin Services 501-02420	Chris Eleazer Executive Director	
4	ISS PS Generator Installation (MD)	0%							0	0	Conv Sys R&M: PS 601-05090	TBD	
5	Coneross Creek PS Pump Control Upgrade (MD)	0%							0	0	Con Sys R&M: PS 601-05030	TBD	
6	Martin Creek PS Pump Restraint System (MD)	100%	3/31/2025	35,000	In-kind replacement	2/9/2024	7/30/2024	7/30/2024	32,017	2,983	Con Sys R&M: PS 601-05100	TBD	
7	Martin Creek Storage Aerator Motor Replacement (MD)	0%							0	0	Con Sys R&M: PS 601-05100	TBD	
8	Pelham Creek PS Manual Transfer Switch Installation (MD)	0%							0	0	Con Sys R&M: PS 601-05120	TBD	
9	Perkins Creek PS Wet Well Cleanout (KL, MD)	0%							0	0	Con Sys R&M: PS 601-05130	TBD	
10	Richland Flow Meter Station Electrical Rewiring (MD)	0%							0	0	Con Sys R&M: FMS 601-04030	TBD	
11	Paint Flow Meter Stations (MD)	0%							0	0	Con Sys Bldgs & Grnds 601-02550	TBD	
12	Martin Creek PS/FM H2S Control ENGINEERING AND PERMITTING (KL)	0%							0	0	Con Sys R&M: PS 601-05100	TBD	
13	Martin Creek PS Basin and Southern Westminster Trunk Sewer CCTV/Clean (KL, CE)	0%	12/20/2024	211,503	6/6/2024	8/6/2024	8/6/2024		0	211,503	Con Sys: Prof Svcs 601-02430	Michael Bevelle Secure Sewer & Svc	
14	Seneca Creek FM Replacement Constr Administration/Inspect (#2023-05; CE, KL)	0%		140,000	N/A	4/29/2024			0	140,000	O&M CIP: Con Sys 1401-06071	GMC Michael Knapp	
15	WRF Replace Disinfection System Lightning Mixer (JM)	0%							0	0	WRF R&M 701-03000	TBD	
16	WRF Utility Water Pump and Valve Replacement (one unit only) (JM)	0%							0	0	WRF R&M 701-03000	TBD	
17	WRF Paving Around Biosolids Storage Pad and Solids Processing Building (KL)	0%							0	0	WRF Bldgs & Grnds 701-02550	TBD	
18	WRF Primary Splitter Box and Digester #1 Cleanouts (JM)	0%							0	0	WRF R&M 701-03000	TBD	
19	WRF Replace/Paint Walkway Handrails (continued from FY 2024) (JM)	0%		N/A					N/A	N/A	WRF R&M 701-03000	TBD	
20	WRF Digesters/Solids Handling Tanks Grinder Rebuild (MD)	0%							0	0	WRF R&M 701-03000	TBD	
21	WRF Replace WAS Pump (JM)	0%							0	0	WRF R&M 701-03000	TBD	
22	WRF Mag Meter Installation (JM)	0%							0	0	WRF R&M 701-03000	TBD	
23	WRF Biological Reactor Basin Oxic Zone Motor Replacement (JM)	0%							0	0	WRF R&M 701-03000	TBD	
24	WRF Replace RAS Pump and Check Valve (JM)	0%							0	0	WRF R&M 701-03000	TBD	
25	WRF Replace RAS Check Valve (JM)	0%							0	0	WRF R&M 701-03000	TBD	
26	WRF Equalization Tank Flow Control Valve Replacement (JM)	0%							0	0	WRF R&M 701-03000	TBD	
TOTAL AWARDED				418,503	TOTAL FUNDS OBLIGATED/ACTUAL TO DATE:					32,017	-386,486	TOTAL AWARDED BUDGET REMAINING	

FY2025 O&M FUND PROJECTS

CONSENT ORDER ENGINEERING AND OPERATIONS AND MAINTENANCE TASKS

8/19/2024 17:00

Row #	FY 2025 O&M Project (Project # (if applicable); PM) <u>CANNOT CARRY OVER TO NEXT FISCAL YEAR WITHOUT BUDGET APPROVAL</u>	Notes
1	Consent Order 21-025-W Project: Biannual Report (CE)	7/10: Presented to OJRSA Board for consideration. Plan to approve for public notice at 8/7 Board meeting. 8/7: Board approved for public notice. Hearing scheduled for 9/11. 9/11: Board approved after receiving no public comments. COMPLETE.
2	GIS Update and Upgrade (CE)	Project to begin updating OJRSA, Satellite Sewer System, and other User assets and information for asset management and compliance purposes. 8/5: A McCullough sent request to all cities.
3	Rate and Fee Study (CE)	To begin soon after the finalization of the Feasibility Study
4	ISS PS Generator Installation (MD)	
5	Coneross Creek PS Pump Control Upgrade (MD)	8/6: Will need to bid.
6	Martin Creek PS Pump Restraint System (MD)	Ordered during FY 2024 but did not receive until FY 2025. 7/15/2024: Ordered as in-kind unit with new pump head assembly. 7/30: COMPLETE
7	Martin Creek Storage Aerator Motor Replacement (MD)	
8	Pelham Creek PS Manual Transfer Switch Installation (MD)	
9	Perkins Creek PS Wet Well Cleanout (KL, MD)	8/6: Will need to bid. Will do with splitter box and digeter #1.
10	Richland Flow Meter Station Electrical Rewiring (MD)	
11	Paint Flow Meter Stations (MD)	
12	Martin Creek PS/FM H2S Control <u>ENGINEERING AND PERMITTING</u> (KL)	
13	Martin Creek PS Basin and Southern Westminster Trunk Sewer CCTV/Clean (KL, CE)	Low bidder: Secure Sewer & Service. 8/6: Board approved previous night, mobilizing today.
14	Seneca Creek FM Replacement Constr Administration/Inspect (#2023-05; CE, KL)	Reimbursible by Fountain Residential Properties LLC per agreement. 5/7: Tyler Morgan (GMC) sent email from FRP saying they will likely begin sometime this summer. 7/19: B Little said they anticipate a September start date for force main project.
15	WRF Replace Disinfection System Lightning Mixer (JM)	
16	WRF Utility Water Pump and Valve Replacement (one unit only) (JM)	
17	WRF Paving Around Biosolids Storage Pad and Solids Processing Building (KL)	
18	WRF Primary Splitter Box and Digester #1 Cleanouts (JM)	8/6: Will need to bid. Will do with Perkins Creek PS.
19	WRF Replace/Paint Walkway Handrails (continued from FY 2024) (JM)	8/6: Purchased more paint.
20	WRF Digesters/Solids Handling Tanks Grinder Rebuild (MD)	8/6: Getting updated quotes.
21	WRF Replace WAS Pump (JM)	
22	WRF Mag Meter Installation (JM)	
23	WRF Biological Reactor Basin Oxic Zone Motor Replacement (JM)	
24	WRF Replace RAS Pump and Check Valve (JM)	
25	WRF Replace RAS Check Valve (JM)	
26	WRF Equalization Tank Flow Control Valve Replacement (JM)	

FY2025 RESTRICTED FUND PROJECTS

PROJECTS MAY CARRY ACROSS BUDGET YEARS

8/19/2024 17:00

Row #	Restricted Fund Projects (Project Manager)	OJRSA Project #	Approx % Complete	Anticipated Completion	OJRSA Funding Amount (\$)	Max Funding by Others (\$)	PO/Contract Amount (\$)	RESTRICTED FUND PROJECT MILESTONES				Obligated/ Spent Curr + Prev Years (\$)	Budget Remaining (\$)	GL Code (XXXXX = get from Office Mgr)	Comp. Performing (and Project Mgr)
								Bids/RFQ/etc. Issue/Advertised	PO/Contract Signed	Started Work	Completed				
A	Consent Order SSES/Rehab 2022 CONSTRUCTION SCIIP MATCH (CE, KL)	2024-02	100%	4/30/2024	351,291	0	351,291	7/28/2023	10/17/2023	12/4/2023		316,577	34,714	PROJ & CONT 1501-09008	Tugaloo Pipeline Ed Hare
B	Consent Order SSES/Rehab 2023 ENGINEERING SCIIP MATCH (CE, KL)	2024-08	70%	8/31/2025	398,000	0	398,000	N/A	9/15/2023	10/3/2023		148,478	249,522	PROJ & CONT 1501-09009	WK Dickson Joe Swaim
C	Consent Order SSES/Rehab 2023 CONSTRUCTION SCIIP GRANT (CE, KL)		0%	8/31/2025	0	5,478,319	TBD	TBD				0	0	PROJ & CONT 1501-TBD	TBD
D	Dewatering Equipment Replacement ENGINEERING SCIIP MATCH (KL)	2024-06	50%	PHASE II 6/30/2026	440,300	0	440,300	9/15/2023	12/19/2023	1/11/2024		80,150	360,150	PROJ & CONT 1501-09011	KCI Technologies Tom Vollmar
E	Dewatering Equipment Replacement CONSTRUCTION SCIIP GRANT (KL)		5%	PHASE II 6/30/2026	0	2,800,000	30,000	3/22/2024	7/30/2024	7/26/2024		0	30,000	PROJ & CONT 1501-09011	Harper GC Justin Jones
F	Exit 4/Oconee Manufacturing Park PS/Sewer ENGINEERING (CE)	TBD	90%	TBD	0	0	N/A OCONEE CO PROJ	N/A OCONEE CO PROJ	N/A OCONEE CO PROJ	Sometime in 2022		0	0	TBD	Thomas & Hutton Lee Brackett
G	Flat Rock PS Replacement ENGINEERING/CONST SVCS SCIIP MATCH (CE)	2022-03	95%	10/23/2024	177,800	0	177,800	2/14/2022	7/5/2055	7/1/2022		130,087	47,713	PROJ & CONT 1501-09005	KCI Technologies Tom Vollmar
H	Flat Rock PS Replacement CONSTRUCTION SCIIP GRANT (CE)	2024-03	95%	9/30/2024	0	1,321,656	1,321,656	6/7/2023	8/29/2023	3/25/2024		1,241,943	79,713	PROJ & CONT 1501-09005	Cove Utilities Jeff Caffery
I	Oconee County & Western Andeson County Sewer Master Plan (CE)	2022-01	100%	6/3/2024	217,800	100,000	317,800	N/A	8/9/2023	9/12/2023	7/1/2024	302,086	15,714	PROJ & CONT 1501-09007	Weston & Sampson Kip Gearhart
J	Regional Sewer Feasibility Study RIA GRANT (CE)	2024-01	95%	11/29/2024	0	100,000	100,000	5/26/2023	10/10/2023	11/8/2023		88,503	11,498	PROJ & CONT 1501-09010	WK Dickson Angie Mettlen
K	Sewer South Phase II ENG/INSPECT SVCS COUNTY FUNDED (CE)	2019-XX	90%	6/30/2024	0	480,850	480,850	Inherited from Oconee Co	5/4/2023	5/4/2023		360,941	119,909	SSF: CIP 1401-06050	Davis & Floyd John Reynolds
L	Sewer South Phase II CONSTRUCTION EDA/RIA/COUNTY FUNDED (CE)	2023-06	90%	6/30/2024	0	12,311,447	11,700,327	9/27/2022	3/23/2023	6/1/2023		11,003,413	696,914	SSF: CIP 1401-06050	Kevin Moorhead Moorhead Construct
M	Martin Creek PS Basin and Southern Westminster Trunk Engineer Review (KL, CE)	2025-03	0%	TBD								0	0	PROJ & CONT 1501-TBD	Joe Swaim WK Dickson
N	Martin Crk PS Basin Flow Study and Compare to Perkins Crk PS Basin to Quantify I/I (CE)	2025-04	0%	TBD								0	0	PROJ & CONT 1501-TBD	Joe Swaim WK Dickson
O	Speeds Creek PS Force Main Replacement ENGINEERING (CE, KL)	TBD	0%	TBD								0	0	PROJ & CONT 1501-TBD	TBD
P	Speeds Creek PS Force Main Replacement CONSTRUCTION (CE, KL)		0%	TBD								0	0	PROJ & CONT 1501-TBD	TBD
			0%									0	0		
					1,585,191	22,592,272	15,318,023	TOTAL RESTRICTED FUNDS OBLIGATED/ACTUAL TO DATE:				13,672,177	-1,645,846	TOTAL AWARDED BUDGET REMAINING	

FY2025 RESTRICTED FUND PROJECTS

PROJECTS MAY CARRY ACROSS BUDGET YEARS

8/19/2024 17:00

Row #	Restricted Fund Projects (Project Manager)	Notes
A	Consent Order SSES/Rehab 2022 CONSTRUCTION SCIIP MATCH (CE, KL)	Carryover from FY 2023 OJRSA CONG: \$40,000 . 5/20: COMPLETE . Used \$6,785.98 of budgeted/approved Owner Contingency for additional concrete work on final repair.
B	Consent Order SSES/Rehab 2023 ENGINEERING SCIIP MATCH (CE, KL)	5/13: DOT requested revised encorachment permit app. Signed and submitted. 7/24: Forwarded contract docs to PF per procurement code requirements. 7/29: PF cannot do review because too complex due to construction aspect of document. They will forward to another atty that specializes in this. 8/2: Waiting for construction contract review by attorney before project can go to bid. 8/14: Advertised on SCBO with approx base bid of \$4.0 million.
C	Consent Order SSES/Rehab 2023 CONSTRUCTION SCIIP GRANT (CE, KL)	
D	Dewatering Equipment Replacement ENGINEERING SCIIP MATCH (KL)	7/30: Signed Harper preconstruction phase contract. 8/1: Held 30% meeting. Costs came back at >\$5MM before VE due to substantial price escalations associated with WRF equipment and contractors. Will require considerable changes. 8/6: Can make a formal request to RIA once we have some costs in hand for the project. We can do early procurement per T Vollmar with conditions. Hopefully Harper will have costs back on some of the VE options discussed last week.
E	Dewatering Equipment Replacement CONSTRUCTION SCIIP GRANT (KL)	
F	Exit 4/Oconee Manufacturing Park PS/Sewer ENGINEERING (CE)	7/5: SCDOT (Barbara Dean) called and said they will not allow sewer to be installed in travel lanes of SC 243. 7/22: Call with A Brock to discuss. 7/23: Call from G Hart to discuss. 7/24: A Brock to consider change to route. 8/6: Reviwed revision. Approved.
G	Flat Rock PS Replacement ENGINEERING/CONST SVCS SCIIP MATCH (CE)	6/27: DHEC inspected and has partially approved project. OJRSA mainly waiting on SCADA. 7/9: Sent letter to SCDES for partial permit to operate. 7/24: Received RIA approval for Change Order #3 for \$14,347.53, board will vote for execution. 7/30: Certificate for Substantial Completion issued by engineer. Punchlist developed for project. 8/6: Executed CO #2 following Board approval last night. Board also approved execution of possible CO #3 up to \$10,000 if necessary.
H	Flat Rock PS Replacement CONSTRUCTION SCIIP GRANT (CE)	
I	Oconee County & Western Andeson County Sewer Master Plan (CE)	To continue under #2022-01 (Fair Play and Townville Area Sewer Basin Plan). 6/26: Provided W&S comments on draft. Have received 1/2 of "grant" for study. 7/1: Presentated to Board and report finalized and put on website. 8/5: Board adopted. COMPLETE .
J	Regional Sewer Feasibility Study RIA GRANT (CE)	2/14: AM said all meetings with cities, county complete. On schedule. 4/15: To be presented at 8/5/2024 OJRSA Board meeting. 5/9: AM says they are in "report writing" phase. 8/5: Presented to Board as draft. Needs to be finalized.
K	Sewer South Phase II ENG/INSPECT SVCS COUNTY FUNDED (CE)	3/28: Still on schedule. Will finish gravity sewer soon. 5/13: A Brock approved Blue Ridge Co-op power installation work for Welcome Center PS (\$1,250). 5/29: Received report from D&F that contractor is scheduled for completion by end of June. 6/5: Ready for drawdown testing at pump stations. 6/27: Change Order #3 for \$18,720.35 (mandrel testing) 7/25: Change Order #4 signed deduct of -\$129,009 (materials).
L	Sewer South Phase II CONSTRUCTION EDA/RIA/COUNTY FUNDED (CE)	
M	Martin Creek PS Basin and Southern Westminster Trunk Engineer Review (KL, CE)	7/17: Installed 2 flow meters in MC system. Will install 3 more soon. 8/6: All meters installed. Took out Flodar and put in A/V meter.
N	Martin Crk PS Basin Flow Study and Compare to Perkins Crk PS Basin to Quantify I/I (CE)	
O	Speeds Creek PS Force Main Replacement ENGINEERING (CE, KL)	CONSENT ORDER ITEM 7/15/2024: As identified in the 20 Year Master Plan, this force main should be replaced with similar sized pipe.
P	Speeds Creek PS Force Main Replacement CONSTRUCTION (CE, KL)	



CONTRACT FOR SERVICES AMENDMENT NO. 1
SCHEDULE EXTENSION AUTHORIZATION

The following modifications to the contract ("Contract") for Regional Feasibility Study 202310009.00.GV dated October 10, 2023, between Oconee Joint Regional Sewer Authority (OWNER) and W.K. Dickson & Co., Inc. (CONSULTANT) are authorized.

1. SCOPE OF SERVICES. There is no change to the Contract Scope of Services.
2. TIME OF PERFORMANCE. CONSULTANT's time of performance for the Contract Scope of Services shall be extended 140 calendar days. The new completion date for the Contract is revised from 7/10/2024 to 11/30/2024. This extension is needed to finalize the study report, allow for approval of the report by the OJRSA Board, and completion of RIA grant monitoring & closeout.
3. COMPENSATION. There is no change to the Contract Compensation.

All other terms of the Contract remain unchanged.

OWNER:

**OCONEE JOINT REGIONAL SEWER
 AUTHORITY**

By: _____

Name: Christopher Eleazer, MPA

Title: Executive Director

Date: _____

CONSULTANT:

W.K. DICKSON & CO., INC.

By: _____

Name: Bryan E. Thomas, PE

Title: Vice President

Date: _____



CONTRACT FOR SERVICES AMENDMENT NO. 2
ADDITIONAL SERVICES AUTHORIZATION

The following modifications to the contract ("Contract") for Regional Feasibility Study 202310009.00.GV dated October 10, 2023, between Oconee Joint Regional Sewer Authority (OWNER) and W.K. Dickson & Co., Inc. (CONSULTANT) are authorized.

1. SCOPE OF SERVICES.

- A. Background: This Amendment is to provide requested hourly services to assist the OWNER on tasks related to the implementation of the recommendations outlined in the OJRSA Regional Feasibility Study Report.
- B. Consultation: CONSULTANT will provide professional and engineering services, as requested by the OWNER. The CONSULTANT anticipates these services to include but not be limited to: assistance related to the implementation of the OJRSA Regional Feasibility Study recommendations, identification of potential funding assistance that may be needed for implementation of the recommendations, attendance at OWNER Board and Ad Hoc Committee meetings, and other services requested by the OWNER. Should services be requested of Sub-Consultants, OWNER shall communicate all requests through the CONSULTANT for purposes of managing the limits of this contract.

2. TIME OF PERFORMANCE. CONSULTANT's time of performance for the above additional services shall be extended 180 calendar days. The new completion date for the Contract is revised from 11/30/2024 to 5/30/2025.

3. COMPENSATION. CONSULTANT shall provide the above Additional Scope of Work on an hourly plus expenses basis not-to-exceed \$35,000.00. The total Contract not-to-exceed fee is increased from \$100,000.00 to \$135,000.00.

All other terms of the Contract remain unchanged.

OWNER:

**OCONEE JOINT REGIONAL SEWER
 AUTHORITY**

By: _____

Name: Christopher Eleazer, MPA

Title: Executive Director

Date: _____

CONSULTANT:

W.K. DICKSON & CO., INC.

By: _____

Name: Bryan E. Thomas, PE

Title: Vice President

Date: _____



Oconee Joint Regional Sewer Authority

623 Return Church Road
Seneca, South Carolina 29678
Phone (864) 972-3900
www.ojrja.org

MEMORANDUM

TO: Operations & Planning Committee

FROM: Chirs Eleazer, Executive Director

DATE: August 19, 2024

SUBJECT: Notes for draft Sewer Use Regulation revision

As directed by the OJRSA Board of Commissioners at its July 1, 2024 meeting, OJRSA staff and consulting experts familiar with state and federal requirements have reviewed the Sewer Use Regulation (SUR) for pretreatment and fats, oils, and grease (FOG) requirements and propose the changes below. While reviewing the SUR, several other proposed revisions were included.

Unless otherwise indicated, the numbers in the left hand column of the table reference the line in the SUR in which a change was made. Note that only modifications requiring explanation are provided below—see the document in its entirety for all proposed changes, which are indicated using “redline” or “marked up” text in attached SUR draft.

SUR Line Number (beginning)	Comment
<i>General</i>	The addition of Hydromechanical FOG Devices and its acronym have been added in various places in the SUR
<i>General</i>	In most cases, the South Carolina Department of Health and Environmental Control (SCDHEC) has been updated to the South Carolina Department of Environmental Services (SCDES). This is to reflect the state agency’s change from a combined health/environmental organization to one with the sole function of environmental compliance.
<i>General</i>	Added Hotel with Kitchen to various sections of the SUR
<i>General</i>	Added notes to certain sections that require Wet Signature as defined in the SUR. <i>Note: There may be others this requirement is added to as we continue to review and receive input from consultants and legal experts.</i>
<i>General</i>	Green text with double green underlines (<u>EXAMPLE</u>) in the marked up document were moved. The location where they were moved from are indicated by green text with double strikethrough lines (EXAMPLE).
2	Update to revision table to be completed upon adoption of SUR
121	Update to Section 1 will be necessary upon adoption of SUR
402	Allowed smaller units for Multi-Family Developments on a case-by-case basis
471	Added definition of a Hotel with Kitchen

475	Added definition of a Hydromechanical FOG Device
549	Clarified what sewer plumbing is for a Multi-Family Development and removed information from the definition that is referenced later in the SUR
786	Made change to shared service/plumbing for Single-Family Residential that will allow shared services for up to two (2) units, meaning that certain facilities like townhomes can have a shared connection between two adjacent units and not be required to install a FOG Control Device.
798	Added definition of Special Pretreatment Device
998	Added section for electronic submittal of documents. <i>Note: This may be moved to a different section of the document prior to final draft is presented to Board.</i>
2814	See comment for Line 786 above
2820	Added section for Hotels with Kitchens as defined in SUR
2900	Added comment to allow for acceptance of certain electronic records
2955	Paragraphs D and E were moved to Section 9.9 and placed in the appropriate section for FOG Interceptors
3004	Starting here and as applicable elsewhere following this section, references to the need of the NAICS codes to be provided to OJRSA has been removed
3007	Added language to allow for HFDs to be used for this class
3011	Changed regulations associated with Retail Food Establishments from SCDHEC to the SC Department of Agriculture, which took effect when SCDHEC dissolved on July 1, 2024. This was also changed as needed following this revision.
3031	Added language to allow for HFDs to be used for this class
3050	Added Hotels with Kitchens as a Class 2 facility
3051	Added that Multi-Family Developments may be considered a Class 2 (under certain conditions)
3053	Added language to allow for HFDs to be used for this class
3063	Added that Multi-Family Developments may be considered a Class 2 (under certain conditions)
3029	Grouped the contents of this section into General Requirements, General FCD, FOG Trap, HFDs, and FOG Interceptors for easier use
3100	Added requirement that FOG Traps be certified by PDI for flow and capacity
3111	Added design and installation requirements for HFD
3119	Added minimum retention time for liquid in FOG Interceptor, which is based on International Plumbing Code
3127	Added language that allows the OJRSA to consider maintenance requirements on a case-by-case basis, which are to be determined on any number of conditions
3130	Statement allowing the OJRSA to require increased cleaning if there is evidence of excess FOG in public sewer system
3136	Established objective criteria for cleaning FOG Traps, including the "25% Rule" (defined in footnote of SUR) or observation of visible solids leaving the treatment device
3139	Changed the maximum cleaning cycle from two (2) weeks to twenty-one (21) calendar days for FOG Traps
3144	Added maintenance requirements for HFD
3156	Most of these changes were from Section 9.6(D)
3165	Green font was moved from Section 9.6(E)
3166	Added that 25% Rule applies for FOG Interceptor maintenance
3175	Green font was moved from Section 9.6(E)

3197	Some of the companies do not know how often the interceptors are pumped out and a few have this on their form, which is very helpful to the Regulatory Services Coordinator and Commercial Pretreatment & Construction Inspector
3198	Certain establishments have their facilities cleaned out afterhours, so there should be an agreement with a waste hauler and a copy of it should be at the facility and available to OJRSA upon request
3203	Moved here from Line 3213
3257	Starting here, numerous additions were made regarding maintenance variance requests, including the procedure for requesting a variance
3415	Removed "FOG Trap or Interceptor" because the OJRSA no longer accepts brown grease for disposal

OJRSA Sewer Use Regulation
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1
2

Date	Description of Changes	Agency
4/3/1979	Oconee County Ordinance 79-4	Oconee County Council
6/30/1993	South Carolina Department of Health and Environmental Control (SCDHEC) Approved Sewer Use Ordinance	SCDHEC
7/18/1995	Oconee County Ordinance 1995-07	Oconee County Council
10/3/2011	Sewer Use Regulation comprehensive revision	OJRSA Board of Commissioners
4/1/2017	Sewer Use Regulation revision	OJRSA Board of Commissioners
3/1/2018	Sewer Use Regulation comprehensive revision	OJRSA Board of Commissioners
8/23/2019	Non-substantial modification to correct discrepancy Enforcement Management Strategy	SCDHEC and OJRSA Board of Commissioners
10/01/2023	Comprehensive revision and inclusion of attachments into the main body of the Regulation, update to comply with SCDHEC Consent Order and CMOM requirements, and to further develop the FOG Management Program for OJRSA. Adopted by <i>OJRSA Resolution 2024-02</i> on 09/11/2023.	SCDHEC and OJRSA Board of Commissioners
XX/XX/XXXX	Minor revision of Regulation, mainly for FOG, Special Pretreatment Devices, and recordkeeping requirements	SCDES and OJRSA Board of Commissioners

3

OJRSA Sewer Use Regulation

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121 **Section 1 – Sewer Use Regulation Adoption and Approval**

122 These Regulations shall be in full force and effect from and after passage, approval, and publication, as provided
123 by law.

124
125 As reviewed by the Approval Authority (South Carolina Department of Health and Environmental Control) and ap-
126 proved for publication by the Oconee Joint Regional Sewer Authority (OJRSA) Board of Commissioners on August
127 7, 2023, a thirty (30) day public notice given on August 11, 2023 in *The Journal* (Seneca, South Carolina), on the
128 OJRSA website (www.orjsa.org), and on social media accounts updated by OJRSA.

129
130 The Approval Authority was made aware of the public notice and comment period on August 4, 2023.

131
132 A public comment period was granted from August 11, 2023, until the OJRSA Board of Commissioners Meeting on
133 the evening of September 11, 2023. The agency also accepted written comments as stated in the legal notices
134 advertised in *The Journal* (Seneca, South Carolina) on August 11, 2023 and September 2, 2023; at [www.ojrsa.org/](http://www.ojrsa.org/info)
135 [info](http://www.ojrsa.org/info); and on OJRSA social media accounts.

136
137 APPROVED and ADOPTED by *OJRSA Resolution 2024-02* by the Oconee Joint Regional Sewer Authority Board of
138 Commissioners on September 11, 2023 during the Board of Commissioners Meeting.

139
140 **EFFECTIVE DATE: 12:01 AM LOCAL TIME ON OCTOBER 1, 2023.**

141

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142 **Section 2 – Administrative Information**143 **2.1 PURPOSE AND POLICY**

144 Recent developments in both Federal and State law have created increasing and more stringent requirements upon
 145 public wastewater treatment facilities and demand compliance to avoid incurring severe sanctions and penalties.
 146 The purpose of these Regulations and amendments thereto are to ensure compliance with the Federal Water Pol-
 147 lution Control Act Amendments of 1972 (Public Law 92-500) and subsequent amendments, including the Water
 148 Quality Act of 1987 (PL 100-4) together with the South Carolina Pollution Control Act and other State and Federal
 149 statutes and regulations.

150
 151 These Regulations set forth uniform requirements for discharges to the Publicly Owned Treatment Works (POTW)
 152 and enables the Oconee Joint Regional Sewer Authority (OJRSA) to comply with all applicable State and Federal
 153 laws and the Pretreatment Regulations (40 CFR Part 403 and SC R61-9 Part 403). The objectives of these Regulations
 154 are:

- 155 A. To prevent discharges to the POTW which will interfere with the operation of the POTW;
 156 B. To prevent discharges to the POTW which will pass-through the wastewater treatment plant inadequately
 157 treated to the receiving waters or the atmosphere or otherwise be incompatible with the system;
 158 C. To prevent discharges to the POTW which will contaminate the sludge and/or hamper disposal of the
 159 sludge;
 160 D. To promote the opportunity to recycle, reuse, and reclaim wastewater and sludges from the system;
 161 E. To provide for fees for the equitable distribution of the cost of operation, maintenance, and improvement
 162 of the POTW;
 163 F. To protect the OJRSA personnel who may be affected by wastewater and sludge in the course of their em-
 164 ployment and to protect the general public; and
 165 G. To enable OJRSA to comply with its NPDES permit conditions, and any other Federal or State laws to which
 166 the POTW is subject.

167
 168 These Regulations provide for the parameters of discharges to the POTW through the issuance of permits, author-
 169 izes enforcement of limitations and requirements, authorizes monitoring activities, compliance and enforcement
 170 activities, requires User reporting, and provides for the setting of fees for the equitable distribution of expenditures.
 171 These Regulations shall apply to the OJRSA and to persons who are, by permit or agreement with the OJRSA, Users
 172 of the POTW. Except as otherwise provided herein, the Executive Director (Director) of the OJRSA and their Duly
 173 Authorized Representatives, which may include contractors or consultants, shall administer the provisions of these
 174 Regulations. The Executive Director may appoint an OJRSA employee, consultant, or contractor to address any items
 175 set forth in this Regulation. The OJRSA Board of Commissioners establishes the Regulations of the OJRSA but the
 176 implementation of the Regulation is conducted by the Director and his/her Duly Authorized Representative.

177
 178 Requests for variances to these Regulations and OJRSA policies must be made in accordance with SECTION 3.17.

179 **2.2 APPLICATION OF REGULATIONS**

180 These Regulations shall apply to persons within the County of Oconee and to persons outside the County who, by
 181 contract with the OJRSA or other means, are Users of OJRSA wastewater facilities. The Director shall implement and
 182 enforce the provisions of these Regulations, and the governing body of the OJRSA shall adopt such regulations as it
 183 deems necessary to implement the provisions and requirements of these Regulations.

184 **2.3 DEFINITIONS**

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185 Unless the context indicates otherwise, the terms and phrases used in these Regulations shall have the following
186 meanings:

187

188 Act shall mean the Federal Water Pollution Control Act (also known as the Clean Water Act) and amendments. (33
189 USC §1251 et seq.)

190 Adjudicatory Hearing shall mean a formal proceeding before a Hearing Officer charged with making determinations
191 regarding whether or not violations of the *OJRSA Sewer Use Regulation* or a Permit issued by the OJRSA have
192 occurred, and what penalties and other forms of relief are appropriate if a violation has occurred. The Hearing
193 Officer will be appointed by the Director and shall have no connection with the preparation or presentation of
194 the evidence at the hearing. In receiving evidence at the Adjudicatory Hearing, the Hearing Officer shall be
195 guided by the South Carolina Rules of Evidence but has discretion to relax the requirements therein to allow for
196 the consideration of evidence considered relevant to the proceeding or to maintain the orderly presentation of
197 evidence.

198 Administrative Order shall mean a legal document issued by OJRSA directing a business or other entity to take
199 corrective action or refrain from an activity. It describes the violations and actions to be taken and can be en-
200 forced in court. The three types of Administrative Orders are Consent Order, Compliance Order, and Cease and
201 Desist Order.

202 Alcoholic Beverage shall mean beverages produced by breweries, cideries, distilleries, and wineries, regardless of
203 presence or amount of alcohol volume. Fermented beverages shall be considered alcoholic beverages. Also see
204 Fermented Beverages.

205 Approval Authority shall mean the State of South Carolina, by and through the Department of Health and Environ-
206 mental Control, or any successor agency having jurisdiction to review OJRSA's Pretreatment Program and asso-
207 ciated regulations.

208 Authorized Representative or Duly Authorized Representative of the User shall mean:

209 A. If the User is a corporation:

- 210 1. The president, secretary, treasurer, or a vice-president of the corporation in charge of a principal
211 business function, or any other person who performs similar policy or decision-making functions
212 for the corporation; or
213 2. The manager of one or more manufacturing, production, or operating facilities, provided the man-
214 ager is authorized to make management decisions that govern the operation of the regulated facil-
215 ity including having the explicit or implicit duty of making major capital investment recommenda-
216 tions, and initiate and direct other comprehensive measures to assure long-term environmental
217 compliance with environmental laws and regulations; can ensure that the necessary systems are
218 established or actions taken to gather complete and accurate information for individual wastewater
219 discharge permit requirements; and where authority to sign documents has been assigned or del-
220 egated to the manager in accordance with corporate procedures.

221 B. If the User is a partnership or sole proprietorship: a general partner or proprietor, respectively.

222 C. If the User is a Federal, State, or local governmental facility: a director or highest official appointed or des-
223 igned to oversee the operation and performance of the activities of the government facility, or their de-
224 signee.

225 D. The individuals described in paragraphs A through C of this definition may designate a Duly Authorized
226 Representative if the authorization is in writing, the authorization specifies the individual or position re-
227 sponsible for the overall operation of the facility from which the discharge originates or having overall re-
228 sponsibility for environmental matters for the company, and the written authorization is submitted to the
229 OJRSA. If the designation is no longer accurate because a different individual or position has responsibility
230 for the overall operation of the facility or overall responsibility for environmental matters for the company,
231 a new written authorization satisfying the requirements of this Section must be submitted to OJRSA prior
232 to or together with any reports to be signed an Authorized Representative.

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- 233 E. If referring to OJRSA, those positions and/or individuals explicitly authorized by the Executive Director or
234 Board of Commissioners and may include OJRSA staff and/or consultants working on behalf of the OJRSA.
- 235 Automatic FOG Trap shall mean a FOG Control Device that uses mechanical or electrical means to skim FOG from
236 wastewater.
- 237 Baffles shall mean a plate, wall, or panel to deflect, check, or regulate the passage of grease-laden wastewater
238 through the FOG Trap, Hydromechanical FOG Device, or gravity FOG Interceptor. A hanging baffle is one that
239 does not extend to the floor of the interceptor. It generally extends only to the top half of the water level. A
240 slotted baffle is one that extends to the floor of the interceptor and has one or more slots generally located at
241 the middle of the water level to convey liquid from the inlet side to the outlet side of the interceptor.
- 242 Beneficial Hauled Waste shall mean a process waste from a facility that is deemed by the OJRSA to be beneficial to
243 the water reclamation facility and its treatment process.
- 244 Best Management Practices shall mean schedules of activities, prohibitions of practices, maintenance procedures,
245 and other management practices to implement the prohibitions listed in SC R61-9 403.5(a)(l) and (b). BMPs also
246 include treatment requirements, operating procedures, and practices to control plant site runoff, spillage or
247 leaks, sludge or waste disposal, or drainage from raw materials storage. BMPs shall also mean the means and
248 methods of preventing or reducing FOG from entering the sewer. A FOG BMP template may be supplied by
249 OJRSA. *[Note: BMPs also include alternative means (e.g., management plans) of complying with, or in place of*
250 *certain established Categorical Pretreatment Standards and effluent limits.]*
- 251 Biochemical Oxygen Demand shall mean the quantity of oxygen, expressed in milligrams per liter (mg/L), utilized in
252 the biochemical oxidation of organic matter under standard laboratory procedures in five (5) days at twenty
253 degrees Centigrade (20°C).
- 254 Board of Commissioners (or Board) shall mean the OJRSA Board of Commissioners.
- 255 Brewery shall mean a building or establishment for brewing beer, ale, or other malt liquors for commercial sale.
256 Breweries also produce non-alcoholic products (e.g., “non-alcoholic beer”). Breweries shall also include craft
257 brewing facilities, and microbreweries and may include a retail store and a tasting room for products produced
258 at the facility. *Also see Alcoholic Beverage.*
- 259 Brown Grease shall mean any contents within or removed from FOG Control Devices. Brown grease is an emulsion
260 of fat, oil, grease, solids, and water.
- 261 Building Drain shall mean that part of the lowest horizontal piping of a drainage system which receives wastewater
262 and is located inside the walls of a building and conveys the wastewater to the building sewer, which begins five
263 (5) feet outside the building wall.
- 264 Building Sewer shall mean the extension from the building drain to the sanitary sewer or other discharge location.
265 Building drains are considered a portion of the building sewer.
- 266 Business Day shall mean Monday through Friday, except recognized holidays as defined in the *OJRSA Employee*
267 *Handbook* or when otherwise established by the OJRSA Board of Commissioners.
- 268 Bypass shall mean the intentional diversion of wastestreams from any portion of a User’s treatment facility.
- 269 Calendar Day shall mean all days, including weekends and holidays.
- 270 Calendar Year shall mean the twelve (12) month period beginning the January 1 and ending December 31 (inclusive)
271 each year.
- 272 Categorical Industrial User shall mean an Industrial User subject to a Categorical Pretreatment Standard.
- 273 Capacity Permit. See definition for Permit.
- 274 Categorical Pretreatment Standard shall be defined by 40 CFR 405 to 471.

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- 275 Chemical Additive shall mean liquids, gases or solids composed of non-living substances introduced into a FOG Con-
276 trol Device for the purpose of changing the chemical nature or physical properties of the fats, oils and grease
277 retained in the control device.
- 278 Chemical Oxygen Demand shall mean the total amount of oxygen required to oxidize the organic matter in a waste
279 as prescribed in 40 CFR Part 136 or equivalent methods approved by EPA.
- 280 Cidery shall mean a facility for the manufacture of cider for commercial sale. Cideries may include a retail store and
281 a tasting room products for produced at the facility. Also see Alcoholic Beverage.
- 282 CMOM (or Capacity, Management, Operation and Maintenance) shall mean a comprehensive audit or program that
283 assures that a conveyance system is properly managed, financed, operated, and maintained at all times; has
284 adequate capacity to convey peak flows (including wet weather flows); and performs all feasible tasks to elimi-
285 nate excessive inflow and infiltration (I&I) from the system. A CMOM program must mitigate the impact of over-
286 flows on Waters of the State/United States, the environment, and public health.
- 287 Collection System. See definition for Conveyance System.
- 288 Color shall mean the color value obtained by the ADMI colorimetric method as approved by 40 CFR Part 136 or
289 equivalent methods approved by EPA.
- 290 Combined Sewer shall mean a sewer intended to receive both wastewater and storm or surface water. OJRSA cur-
291 rently has no Combined Sewers in their service territory and is not permitted for treatment as a Combined Sewer
292 system.
- 293 Commercial shall mean a company or organization occupied with or engaged in commerce or work intended for
294 commerce. Examples include restaurants, grocery stores, banks, hotels, office space, retail shops, etc.
- 295 Commercial User (or Institutional User) shall mean all Users that otherwise do not discharge process wastewater,
296 are not subject to Categorical Pretreatment Standards, and are not residences. Commercial (or Institutional)
297 Users may be subject to Local Limits as determined by the Director.
- 298 Compliance Schedule shall mean an enforceable schedule incorporated into a Consent Agreement, Administrative
299 Order, or other enforceable order of the OJRSA, outlining a timetable of remedial measures necessary to address
300 a violation of the *OJRSA Sewer Use Regulation* or a Permit issued by the OJRSA. A Compliance Schedule may
301 include milestone compliance measures, and each milestone deadline is separately enforceable by the OJRSA,
302 with failure to meet such deadlines subject to potential additional enforcement action as stated within the Reg-
303 ulation, including civil penalties.
- 304 Cumulative Consumer Price Index, as applicable to SECTION 8.6, shall mean the aggregate administrative, civil, or
305 criminal penalty based on the increase and/or decrease of year-over-year changes in the Consumer Price Index
306 as reported for the month of December each calendar year beginning with December 2023. This amount shall
307 be rounded up or down to the next whole dollar.
- 308 Contact Cooling Water. See definition for Cooling Water.
- 309 Contaminants of Emerging Concern shall mean chemical and other waste contaminants posing unique issues and
310 challenges to the environmental community as a result of:
- 311 A. The recent development of new chemicals or other products;
312 B. New or recently identified byproducts or waste products;
313 C. Newly discovered or suspected adverse health or environmental impacts;
314 D. Physical or chemical properties that are not fully evaluated or understood;
315 E. An absence of or pending changes to fully defined risk levels, water quality standard or guidance or other
316 environmental program levels of control; and
317 F. Other factors.
- 318 Emerging contaminants include, but are not limited to, PFAS (polyfluoroalkyl substances), nanomaterials, phar-
319 maceuticals and their constituents, and steroids and hormones.

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- 320 Control Authority shall mean OJRSA, or any successor agency with authority to implement the provisions of this
321 Regulation.
- 322 Conveyance System shall mean the network of gravity pipes, manholes, pumping stations, force mains, valves, and
323 appurtenances owned and operated by the OJRSA associated with the transportation of wastewater to the treat-
324 ment facility. The conveyance system is considered to be a component of the POTW.
- 325 Cooling Water shall mean water used for cooling (condensation, air conditioning, refrigeration, equipment cooling,
326 evaporative cooling, chillers, cooling towers, etc.) which may come into direct contact with any raw product,
327 intermediate product (other than heat) or finished product. For the purposes of this Regulation, cooling water
328 can be generated from any cooling equipment blowdown or produced as a result of any cooling process through
329 either a single pass (once through) or recirculating system. There are two types of cooling water:
- 330 A. Noncontact Cooling Water is water to which the only pollutant added is heat, which has no direct contact
331 with any raw material, waste intermediate or final product, and which does not contain levels of contami-
332 nants detectably higher than that of intake water and does not have added chemicals for water treatment
333 at the facility.
- 334 B. Contact Cooling Water is water likely to contain pollutants detectably higher than intake water. Contact
335 means the water has chemical(s) added at the facility or comes into contact with the product produced at
336 the facility. This includes water contaminated through any means, including chemicals added for water
337 treatment at the facility, corrosion inhibition, or biocides, or by direct contact with any raw materials, pro-
338 cess materials, intermediate materials, final products, waste product, and/or wastewater.
- 339 County (if capitalized in Regulation) shall mean the County of Oconee. *If not capitalized, definition could be for any*
340 *county.*
- 341 Daily Maximum shall mean the arithmetic average of all effluent samples for a pollutant collected during a twenty-
342 four (24) hour period.
- 343 Daily Maximum Limit shall mean the maximum allowable discharge limit of a pollutant during a calendar day. Where
344 Daily Maximum Limits are expressed in units of mass, the daily discharge is the total mass discharged over the
345 course of the day. Where Daily Maximum Limits are expressed in terms of a concentration, the daily discharge
346 is the arithmetic average measurement of the pollutant concentration derived from all measurements taken
347 that day.
- 348 Decant shall mean to pour or drain wastewater or other liquid from a tank or vessel without disturbing the sediment
349 or solids that have settled in the tank or vessel.
- 350 Director. See definition for Executive Director.
- 351 Discharge (or Indirect Discharge) shall mean the introduction of pollutants into the POTW from any non-domestic
352 wastewater source.
- 353 Discharge Permit. See definition for Permit.
- 354 Disposal shall mean the discharge of FOG Control Device waste at a properly permitted and SCDES approved loca-
355 tion.
- 356 Distillery shall mean a facility where liquor is manufactured and sold commercially. Distilleries may include a retail
357 store and a tasting room for products produced at the facility. *Also see Alcoholic Beverage.*
- 358 Domestic Wastewater shall mean a combination of water carrying normal strength sewage from residences, com-
359 mercial establishments, institutions and the like, but excluding industrial process wastes.
- 360 Duration of the Violation shall mean the length that the violation existed.
- 361 Duly Authorized Representative shall mean Authorized Representative. See Authorized Representative for defini-
362 tion.

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- 363 Enforcement Management Strategy shall mean the methods and mechanisms for achieving enforcement as set
364 forth in SECTION 8 of this Regulation.
- 365 Environmental Protection Agency shall mean the United States Environmental Protection Agency or, where appro-
366 priate, the Administrator or other duly authorized official of the EPA.
- 367 Environmental Harm shall mean a pollutant effluent which:
368 A. Has a toxic effect on the receiving waters or aquatic life downstream of the wastewater treatment plant;
369 B. Causes a violation of the POTW's NPDES permit (including water quality standards); or
370 C. Causes a pass-through.
- 371 Equivalent Permitting Record. See definition for Permit.
- 372 Excursion shall mean an incident in which wastewater discharge parameter exceeds the range set forth in the *OJRSA*
373 *Sewer Use Regulation* or Industrial User permit.
- 374 Executive Director shall mean the Executive Director of the Oconee Joint Regional Sewer Authority, which is the
375 person serving as the chief administrative officer (CAO) of the agency.
- 376 Existing Source shall mean any source of discharge that is not a New Source.
- 377 Fermented Beverage shall include, but not be limited to, kombucha, ginger beer, kvass, and kefir produced for
378 commercial sale. Fermented Beverage producers may include a retail store and a tasting room for products
379 produced at the facility. The OJRSA shall regulate these drinks as Alcoholic Beverages, regardless of the presence
380 or amount of alcohol volume. Also see Alcoholic Beverage.
- 381 Floatable Oil shall mean oil, fat, or grease in a physical state such that it will separate by gravity from wastewater.
- 382 FOG shall mean fats, oils, and grease, which are organic non-polar material or compounds derived from animal
383 and/or vegetable or plant sources.
- 384 FOG Control Additives shall mean chemicals such as enzymes, emulsifiers, biological, and chemical additives to liq-
385 uify the FOG to keep it from clogging sewer devices, which are prohibited by Regulation. Sewer lines and devices
386 must be cleaned manually to remove any FOG accumulation.
- 387 FOG Control Devices shall mean FOG Interceptors, FOG Traps, Hydromechanical FOG Device, or other OJRSA ap-
388 proved means of eliminating fats, oils, and grease from the wastewater conveyance system and treatment
389 works.
- 390 FOG Control Program shall describe the OJRSA regulatory, educational, and customer service activities that support
391 elimination of the deleterious impact of fats, oils, and grease discharges on the wastewater conveyance system
392 and treatment works. This program is detailed in SECTION 9 of these Regulations.
- 393 FOG Generator shall mean any User, including Food Service Establishments (FSE), which produces fats, oils, and
394 grease waste. Single-Family Residential locations and Multi-Family Developments with four (4) or less separated
395 living units as stated in OJRSA SUR 9.3(C) are not considered a FSE or FOG Generator and will not be subject to
396 the OJRSA FOG Program unless they are preparing food for commercial purposes (catering and other such oper-
397 ations are considered a commercial purpose subject to FSE regulations).
- 398 FOG Interceptor shall mean a tank or device so constructed, typically in the ground, as to separate and hold fats,
399 oils, and grease (FOG) from the wastewater in order to reduce the FOG entering the sanitary sewer. FOG Inter-
400 ceptors are commonly referred to as "grease interceptors" or "grease traps"; however, the OJRSA does not con-
401 sider these to be the same as under-the-sink FOG Traps or Hydromechanical FOG Devices and shall not be con-
402 strued as meeting this definition. FOG Interceptors are a minimum of 1,000 gallons in capacity; however, smaller
403 devices will be considered by OJRSA on a case-by-case basis for Multi-Family Developments.
- 404 FOG Permit. See definition for Permit.

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- 405 FOG Program Coordinator shall mean a person employed or designated by the Director who is charged with the
406 responsibility of administering the provisions of the FOG Control Program to ensure User compliance with ap-
407 plicable laws, rules, regulations, and policies.
- 408 FOG Recycle Container (Bin) shall mean a container used for storage of yellow grease.
- 409 FOG Trap shall mean a device placed inside a Food Service Establishment for removal of FOG from the wastestream.
410 These are identified as an “under the sink” reservoir or a “floor trap” which is a small container or tank with
411 baffles designed for inside installation at kitchen fixtures and appliances. These devices shall be connected to a
412 drain immediately following a sink or wash basin. A FOG Trap is often referred to as a “grease interceptor” but
413 should not be confused with a FOG Interceptor as defined by the OJRSA.
- 414 FOG Waste shall mean any liquid, semi-liquid, or solid fats, oils and grease that is removed from Commercial oper-
415 ations through the use of a FOG Interceptor, Hydromechanical FOG Device, or FOG Trap.
- 416 FOG Waste Hauler / Plumber shall mean a company that pumps, cleans, and maintains FOG Control Devices, to
417 include FOG Control Device Certification. All FOG waste haulers and plumbers performing these duties within
418 the area served by OJRSA shall be FCD certified by the OJRSA FOG Program. These FOG waste haulers and plumb-
419 ers must perform an inspection on a FCD when the device is being cleaned.
- 420 FOG Waste Line shall mean the wastewater plumbing that conveys grease-laden wastewater from fixtures and ap-
421 pliances to the FOG Control Device.
- 422 Food Courts shall mean areas predominantly found in shopping centers or amusement parks and festivals where
423 several food preparation establishments having different Owners may share seating space or plumbing facilities.
- 424 Food Service Establishment shall mean any establishment, business, or facility engaged in preparing, serving, or
425 making food available for consumption. Single-Family Residential locations and Multi-Family Developments with
426 four (4) or less separated living units as stated in OJRSA SUR 9.3(C) are not considered a FSE or FOG Generator
427 and will not be subject to the OJRSA FOG Program unless they are preparing food for commercial purposes
428 (*catering operations are considered a commercial purpose subject to FSE regulations*). FSEs will include but are
429 not limited to: restaurants, cafeterias, delis, grocery stores, hospitals, hotels, motels, churches, school kitchens,
430 assisted living facilities, ice cream shops, coffee shops, food courts, butcher shop operations, catering facilities,
431 and mobile food units involved in the preparation of food for nonresidential purposes. A Food Service Establish-
432 ment can include any facility which cuts, prepares, cooks, fries, bakes, or serves food or which disposes of food-
433 related wastes. Also see definition of FOG Generator.
- 434 Force Main shall mean a pipeline that conveys wastewater under pressure from a lower to a higher elevation. A
435 force main is the piping from the discharge side of a pump or pneumatic ejector to a discharge point.
- 436 Force Majeure shall mean an extraordinary event that prevents one or both parties from performing. These events
437 must be unforeseeable and unavoidable, and not the result of the User’s actions, hence they are considered “an
438 act of God,” such as an earthquake, flood, or riot.
- 439 Garbage shall mean the animal or vegetable wastes from the domestic and Commercial preparation, cooking, and
440 dispensing of food, and from the Commercial handling, storage, and sale of produce.
- 441 Garbage Grinder shall mean a device which shreds or grinds up solid or semisolid garbage into smaller portions for
442 discharge into the sanitary sewer. These are commonly referred to as a “garbage disposal.”
- 443 Grab Sample shall mean a sample that is taken from a wastestream without regard to the flow in the wastestream
444 and over a period of time not to exceed fifteen (15) minutes.
- 445 Grandfathered shall mean an exemption from the requirements of a section of Regulation affecting their previous
446 rights, privileges, uses, or practices.
- 447 Gray Water shall mean all wastewater other than wastewater containing human waste from sanitary fixtures such
448 as toilets and urinals. *This does not include process wastewater from industrial facilities.*

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449 Hair Trap/Interceptors shall mean a device used to remove hair before it enters the sewer system. Facilities that
450 may be required to install a Hair Trap/Interceptor include, but not limited to, beauty salons, barber shops, animal
451 grooming facilities, and animal hospitals. These devices may be installed on individual sinks or on a common
452 effluent line shared by a number of wash stations.

453 Hauled Waste shall mean transported waste materials and products including, but not limited to, waste from ves-
454 sels, chemical and/or portable toilets, campers, trailers, septic tanks, FOG Interceptors, FOG Traps, Hydrome-
455 chanical FOG Devices, and vacuum pump tank trucks.

456 Hauled Waste Transporter shall mean a person or company who owns or operates a vehicle for the purpose of
457 transporting solid and/or liquid waste products for treatment or disposal.

458 Hazardous Material shall mean a substance or combination of substances which, because of its quantity, concen-
459 tration, or characteristics, may:

- 460 A. Cause or significantly contribute to mortality, illness, or incapacitation due to human exposure;
- 461 B. Pose a substantial hazard to human health or the environment if improperly handled; or
- 462 C. Is defined to be a hazardous waste under the Resource Conservation and Recovery Act (applicable Parts of
463 40 CFR), under regulations promulgated pursuant to said Act, or under any other Local, State, or Federal
464 law.

465 Hazardous Waste. See definition for Hazardous Material Item B.

466 Headworks Analysis shall mean an evaluation of the capability of the POTW to receive pollutants performed in
467 accordance with SCDES and EPA regulations.

468 Hearing Officer shall be defined by OJRSA SUR 8.2(D)(5).

469 Holding Tank Waste shall mean any wastewater from holding tanks such as vessels, chemical toilets, campers, trail-
470 ers, septic tanks, and vacuum pump tank trucks.

471 Hotel with Kitchen shall mean a hotel, motel, inn, travel court, or other such facility with five (5) or more units for
472 lodging that have kitchens or kitchenettes in guest rooms that includes a sink and/or dishwasher for washing
473 dishes, cookware, utensils, etc. If the facility has a restaurant or prepares food, then that portion of the facility
474 shall be considered a Food Service Establishment.

475 Hydromechanical FOG Device shall mean a FOG Control Device that relies on the difference in specific gravity be-
476 tween wastewater and FOG to affect separation of FOG of FOG from wastewater, and may incorporate a flow
477 control device, air entrainment, and other means or principles to improve the efficacy of separation as demon-
478 strated by third-party testing, validation, and certification. Third-party testing for a HFD is to be performed by
479 an independent entity using specific equipment or devices that have been tested and meet or exceed standards
480 established by the certifying entity as recognized by the OJRSA Executive Director or his/her designee, which
481 may include but is not limited to, the National Sanitation Foundation (NSF), American Society of Mechanical
482 Engineers (ASME), Plumbing and Drainage Institute (PDI) or Canadian Standards Association (CAS) or combina-
483 tion of these and other entities to include the aforementioned requirements.

484 Indirect Discharge. See definition for Discharge.

485 Industrial User shall mean a source of indirect discharge which does not constitute a "discharge of pollutants" under
486 regulations issued pursuant to Section 402 of Act. An Industrial User may or may not be a CIU and/or SIU.

487 Industrial User Permit. See definition for Permit.

488 Industrial Wastewater. See definition for Wastewater.

489 Infiltration shall mean water other than wastewater flow that enters a sewer system from the ground through pipes,
490 pipe joints, connections, or manholes.

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491 Inflow shall mean water other than wastewater flow entering the sewer system from such sources as, but not lim-
492 ited to: roof leaders; cellar, yard, and area drains; foundation drains; unpolluted water (including cooling water
493 or condensation discharges); drains from springs and swampy areas; manhole covers; cross connections from
494 storm sewers and/or Combined Sewers; catch basins; stormwaters; surface runoff; street wash waters, or drain-
495 age.

496 Inflow and Infiltration shall collectively mean inflow and/or infiltration as defined in this Regulation.

497 Informal Conference shall mean a meeting between a User and the Director, or Director's designee, to discuss one
498 (1) or more alleged violations of the *OJRSA Sewer Use Regulation* or a Permit issued by the OJRSA, to exchange
499 information regarding such alleged violations and any corrective actions taken or proposed to be taken, and to
500 discuss methods to obtain compliance with the Regulation by consent of all parties. An Informal Conference may
501 result in the entry of a Consent Agreement outlining agreed upon relief, including an enforceable Compliance
502 Schedule, but will not result in the entry of a unilateral final decision by the OJRSA on an alleged violation prior
503 to the User's opportunity for an Adjudicatory Hearing.

504 Instantaneous Limit shall mean the maximum concentration of a pollutant allowed to be discharged at any time,
505 determined from the analysis of any discrete or composited sample collected, independent of the industrial flow
506 rate and the duration of the sampling event.

507 Institution (or Institutional) shall mean an organization that provides services to the public or a specific sector of
508 the public. Examples includes schools, places of worship, colleges, government buildings, hospitals, prisons, etc.

509 Institutional User. See definition for Commercial User.

510 Interference means a Discharge which, alone or in conjunction with a discharge(s) from other sources, both:

- 511 A. Inhibits or disrupts the POTW, its treatment processes or operations, or its sludge processes, use or dis-
512 posal; and
513 B. Therefore is a cause of a violation of any requirement of the POTW's NPDES permit (including an increase
514 in the magnitude or duration of the violation) or of the prevention of sewage sludge use or disposal in
515 compliance with the following statutory provisions and regulations or permits issued thereunder (or more
516 stringent State or local regulations): Section 405 of the Clean Water Act, the Solid Waste Disposal Act
517 (SWDA) (including Title II, more commonly referred to as the Resource Conservation and Recovery Act
518 (RCRA), and including State regulations contained in any State sludge management plan prepared pursuant
519 to Subtitle D of the SWDA), the Clean Air Act, the Toxic Substances Control Act, and the Marine Protection,
520 Research and Sanctuaries Act, and the South Carolina Pollution Control Act.

521 Isolated Not Significant Violations shall mean violations that do not meet the definition of Significant Noncompli-
522 ance.

523 Isolated (or Infrequent) [regarding violations] shall mean violations that do not meet the definition of recurring
524 violations.

525 Lateral (or Service Lateral). See definition for Sewer Service.

526 Lint Interceptor shall mean a device used to remove lint and other debris from wastewater prior to its discharge to
527 the sewer system. Facilities that may be required to install a Lint Interceptor include, but not limited to, laun-
528 dromats, hotels/motels, dormitories, and apartment complexes with common laundry facilities shared by users.

529 Local Limits shall mean specific discharge limits developed and enforced by the OJRSA upon industrial or Commer-
530 cial facilities to implement the general and specific discharge prohibitions listed in SC R61-9 403.5.

531 May is permissive. Shall is mandatory and requires compliance.

532 Measured Daily Flow shall mean the actual flow, in gallons, measured at the flowmeter for each day.

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- 533 Medical Waste shall mean isolation wastes, infectious agents, human blood and blood byproducts, pathological
 534 wastes, sharps, body parts, fomites, etiologic agents, contaminated bedding, surgical wastes, potentially con-
 535 taminated laboratory wastes, and dialysis wastes.
- 536 Member City (or Member Cities) shall mean the cities of Seneca, Walhalla, and Westminster and others as defined
 537 by legally binding Intergovernmental Agreement(s).
- 538 Mobile Food Unit shall mean a self-propelled or vehicle- or trailer-mounted unit intended to be used as a Food
 539 Service Establishment. Mobile Food Units must have an approved location to discharge used fats, oils, and grease
 540 waste.
- 541 Monthly Average shall mean the sum of all “daily discharges” measured during a calendar month divided by the
 542 number of “daily discharges” measured during that month.
- 543 Monthly Average Limit shall mean the highest allowable average of “daily discharges” over a calendar month, cal-
 544 culated as the sum of all “daily discharges” measured during a calendar month divided by the number of “daily
 545 discharges” measured during that month.
- 546 Multi-Family Development shall mean a structure or complex of buildings intended for multiple families to reside
 547 in for extended periods of time. Examples include, but are not limited to, apartments, townhomes, condomini-
 548 ums, duplexes/multiplexes, etc. A structure or complex of buildings is also considered to be a Multi-Family De-
 549 velopment if it has a shared privately-owned sewer service (the portion located on private property) serving two
 550 (2) or more individual living units (e.g., apartments, townhomes, etc.) that is combined prior to connection to
 551 the public sewer system.
- 552 National Categorical Pretreatment Standard shall mean any regulation containing pollutant discharge limits prom-
 553 ulgated by the EPA in accordance with Section 307(b) and (c) of the Act which applies to a specific category of
 554 Industrial Users. NCPs are found at 40 CFR Chapter I, Subchapter N, Parts 405-471.
- 555 National Pollutant Discharge Elimination System Permit. See definition for Permit.
- 556 Natural Outlet shall mean any outlet into a watercourse, pond, ditch, lake, stormwater retention/detention pond,
 557 or other surface water or groundwater.
- 558 New Source shall mean:
- 559 A. Any building, structure, facility, or installation from which there is (or may be) a discharge of pollutants, the
 560 construction of which commenced after the publication of proposed Pretreatment Standards under Section
 561 307I of the Act that will be applicable to such source if such Standards are thereafter promulgated in ac-
 562 cordance with that section, provided that:
- 563 1. The building, structure, facility, or installation is constructed at a site at which no other source is
 564 located; or
- 565 2. The building, structure, facility, or installation totally replaces the process or production equipment
 566 that causes the discharge of pollutants at an Existing Source; or
- 567 3. The production or wastewater generating processes of the building, structure, facility, or installa-
 568 tion are substantially independent of an Existing Source at the same site. In determining whether
 569 these are substantially independent, factors, such as the extent to which the new facility is inte-
 570 grated with the existing plant and the extent to which the new facility is engaged in the same gen-
 571 eral type of activity as the Existing Source, should be considered.
- 572 B. Construction on a site at which an Existing Source is located results in a modification rather than a New
 573 Source, if the construction does not create a new building, structure, facility, or installation meeting the
 574 criteria of Section (I)(b) or (c) above but otherwise alters, replaces, or adds to existing process or production
 575 equipment.
- 576 C. Construction of a New Source as defined under this paragraph has commenced if the Owner or operator
 577 has:
- 578 1. Begun, or caused to begin, as part of a continuous onsite construction program:

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- 579 (a) any placement, assembly, or installation of facilities or equipment; or
 580 (b) significant site preparation work including clearing, excavation, or removal of existing build-
 581 ings, structures, or facilities which is necessary for the placement, assembly, or installation
 582 of New Source facilities or equipment; or
 583 2. Entered into a binding contractual obligation for the purchase of facilities or equipment which are
 584 intended to be used in its operation within a reasonable time. Options to purchase or contracts
 585 which can be terminated or modified without substantial loss, and contracts for feasibility, engi-
 586 neering, and design studies do not constitute a contractual obligation under this paragraph.

587 Noncontact Cooling Water. See definition for Cooling Water.

588 Non-Process Wastewater shall mean sanitary, noncontact cooling water, and boiler blowdown wastewater.

589 Nonresidential User shall mean any use other than a Single-Family Residential User, which may include, but is not
 590 limited to: Food Service Establishments, Industrial Users, health care facilities, religious establishments, educa-
 591 tional facilities, assisted living facilities, office facilities, and other Commercial establishments. *It shall also in-
 592 clude apartments, condominiums, and other multi-unit housing complexes with a common sewer service lateral
 593 or system serving multiple units prior to connecting with a public sewer. Also see Single-Family Residential, Multi-
 594 Family Development, Hotel with Kitchen, Single-Family Residential, User, and others.*

595 Nonsignificant Industrial User shall mean a permitted facility that does not have sampling limits or sampling re-
 596 quirements but is permitted and may have other requirements to meet.

597 North American Industry Classification System or NAICS shall mean the standard reference classification system
 598 used by agencies for the United States business economy. It was developed under the auspices of the Executive
 599 Office of the President of the United States' Office of Management and Budget (OMB) and adopted in 1997 to
 600 replace the Standard Industrial Classification (SIC) System. NAIC codes are utilized in federal and state pretreat-
 601 ment regulations.

602 OJRSA shall mean the Oconee Joint Regional Sewer Authority.

603 Oil/Water Interceptor shall mean a tank typically used in low flow drain lines where small quantities of oils, sedi-
 604 ment and other liquid contaminants can be removed from wastewater prior to being discharged to the convey-
 605 ance system or treatment facility. These drain lines may come from variety of facilities including, but not limited
 606 to, covered parking garages, machine shops, service stations, and manufacturing facilities.

607 Operation and Maintenance Costs shall mean all costs, direct and indirect, not including debt service and capital
 608 related expenditures, but inclusive of expenditures attributable to administration, monitoring, inspections, re-
 609 viewing applications, maintenance of equipment, and treatment and collection of wastewater, necessary to as-
 610 sure adequate wastewater collection and treatment on a continuing basis which conforms to applicable regula-
 611 tions and assures optimal long-term facility management.

612 Owner shall mean an individual or entity in possession of title for land, building or other item. The Owner can be a
 613 claimer, controller, holder, homeowner, householder, landowner, landlord, lessor, occupier, person holding
 614 ownership on record, possessor, property owner, proprietor, record-holder retainer, or title holder.

615 Pass-Through shall mean a discharge which exits the POTW into Waters of the State/United States in quantities or
 616 concentrations which, alone or in conjunction with discharge(s) from other sources, is a cause of a violation of
 617 any requirement of the OJRSA's NPDES Permit (including an increase in the magnitude or duration of the viola-
 618 tion).

619 Paunch Manure shall mean the partially digested contents of the stomach during the time period immediately be-
 620 fore and after the animal is slaughtered for meat and other by-products.

621 Permit (or Permitted) shall mean the following, as appropriate:

- 622 A. Capacity Permit is a Permit for OJRSA Wastewater System Capacity (or other document that serves this
 623 purpose) issued to a User or facility after January 1, 1990.

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- 624 B. Equivalent Permitting Record (or other document that serves this purpose) is a record for managing and
625 tracking connections to the public sewer. This record may be issued to users before or since January 1,
626 1990.
- 627 C. FOG Permit is a permit to which a FSE or FOG Generator may be issued, and it is valid for a period of five
628 (5) years. This permit can be implemented by OJRSA at their discretion as part of the FOG Control Program.
- 629 D. Industrial User Permit is issued when an Industrial or Commercial User discharges wastewater that has the
630 potential to impact the POTW.
- 631 E. Discharge Permit can be any of the following permits as issued by the OJRSA and as described in this defi-
632 nition: Capacity Permit, Equivalent Permitting Record, Industrial User Permit, or Satellite Sewer System Per-
633 mit, as appropriate. It does not include the NPDES Permit.
- 634 F. NPDES (or National Pollutant Discharge Elimination System) Permit is a permit, which can include a Land
635 Application Permit, issued to a POTW pursuant to Section 402 of the Clean Water Act, Section 48-1-100 of
636 the SC Pollution Control Act, or (SC R61-9 122 or 505).
- 637 G. Satellite Sewer System Permit is issued to Satellite Sewer Systems as defined within these Regulations.
- 638 Person shall mean any individual, partnership, co-partnership, firm, company, association, joint stock company,
639 trust, estate, governmental entity or any other legal entity, or their legal representatives, agents, or assigns. This
640 definition includes all Federal, State, and local governmental entities.
- 641 pH shall mean the term used to express the intensity of the acid or base condition of a solution as prescribed in 40
642 CFR Part 136, or equivalent methods approved by EPA.
- 643 Plaster Interceptor shall mean a device used to remove plaster from wastewater prior to discharge into the sewer
644 system. Facilities that may be required to install a Plaster Interceptor include, but not limited to, dental offices
645 or locations where arts and crafts are performed (e.g., a school art room). These devices may be installed on
646 individual sinks or on a common effluent line shared by a number of sinks.
- 647 Polar Material shall mean analytically quantifiable oil and grease of animal or vegetable origin.
- 648 Pollutant shall mean any dredged spoil; solid waste; incinerator residue; filter backwash; sewage; garbage; sludge;
649 munitions; chemical wastes; medical wastes; biological materials; radioactive materials; heat; wrecked or dis-
650 charged equipment; rock; sand; cellar dirt; municipal, industrial, Commercial, or agricultural waste; or other
651 pollutants; including the characteristics of wastewater (e.g., pH, temperature, TSS, turbidity, Color, BOD, COD,
652 toxicity, SS, odor) as may be defined by EPA, SCDES, or OJRSA regulations; discharged into water.
- 653 Pollution shall mean the man-made or man-induced alteration of the chemical, physical, biological, and radiological
654 integrity of water.
- 655 Pretreatment shall mean the reduction of the amount of pollutants, the elimination of pollutants, or the alteration
656 of the nature of pollutant properties in wastewater prior to, or in lieu of, discharging or otherwise introducing
657 such pollutants into a POTW. The reduction or alteration may be obtained by physical, chemical, or biological
658 processes; process changes; or by other means; except as prohibited by SC R61-9.403.6I. Appropriate pretreat-
659 ment technology includes control equipment, such as equalization tanks or facilities, for protection against
660 surges or slug loadings that might interfere with or otherwise be incompatible with the POTW. However, where
661 wastewater from a regulated process is mixed in an equalization facility with unregulated wastewater or with
662 wastewater from another regulated process, the effluent from the equalization facility must meet an adjusted
663 pretreatment limit calculated in accordance with SC R61-9 403.6(f).
- 664 Pretreatment Coordinator shall mean the person authorized by the Executive Director to oversee the Pretreatment
665 Program for the OJRSA. *This position may be a dedicated Pretreatment Coordinator by title or could be the Reg-
666 ulatory Services Coordinator, depending on who is authorized to perform this function.*
- 667 Pretreatment Facility. See definition for Pretreatment System.

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- 668 Pretreatment Program shall mean a program approved by SCDES to enforce the national pretreatment program
669 requiring Nonresidential Users that introduce pollutants to the POTW to comply with Pretreatment Standards
670 to ensure the goals of the Clean Water Act are attained. The program also outlines requirements for POTWs to
671 proactively protect its infrastructure while overseeing its management responsibilities.
- 672 Pretreatment Requirements shall mean any substantive or procedural requirement related to pretreatment, other
673 than a National Categorical Pretreatment Standard imposed on an Industrial User or Local Limitation.
- 674 Pretreatment Standard (or Standards) shall mean Prohibited Discharge Standards, Categorical Pretreatment Stand-
675 ards, and Local Limits.
- 676 Pretreatment System shall mean any process used to reduce the amount of pollutants in wastewater before dis-
677 charging the wastewater into a conveyance system that ultimately discharges to OJRSA facilities.
- 678 Private Sewer shall mean a sewer which is not owned by a public body. These privately-owned sewers also include
679 sewer services (“laterals” or “service laterals”). It is not a public sewer.
- 680 Private Utility shall mean wastewater utility that is privately owned and regulated by the South Carolina Public
681 Service Commission.
- 682 Prohibited Discharge Standards or Prohibited Discharges shall mean absolute prohibitions against the discharge of
683 certain substances; these prohibitions appear in SECTION 4 of these Regulations.
- 684 Public Sewer shall mean a trunk or transportation sewer line or sewer facilities which is owned and controlled by
685 the OJRSA or a collection of lateral lines or adjunct facilities owned and controlled by Satellite Sewer Systems
686 that are connected to the OJRSA in any way, including by passing through another Satellite Sewer System.
- 687 Publicly Owned Treatment Works shall mean treatment facilities as defined by Section 212 of the Act, which is
688 owned by the OJRSA. This definition includes any devices or systems used in the collection, storage, treatment,
689 recycling, and reclamation of sewage or industrial wastes of a liquid nature, and any conveyance systems that
690 transport wastewater to a treatment plant. This definition does not include pipes, storm sewers, or other con-
691 veiances not connected to a facility providing transportation and/or treatment for wastewater.
- 692 Qualified Laboratory shall mean laboratories currently certified by the State under SC Regulation 61-81 to perform
693 wastewater analyses.
- 694 Recurring Violation shall be defined as three (3) or more violations for one (1) parameter in a rolling twelve (12)
695 month period.
- 696 Regulation shall mean the *OJRSA Sewer Use Regulation* and any policies or supplements thereof as adopted by the
697 Board of Commissioners.
- 698 Regulatory Services Coordinator shall mean the person authorized by the Executive Director to oversee OJRSA reg-
699 ulatory services, which includes the OJRSA Pretreatment Program, safety, and other policies for the OJRSA. *This*
700 *position may also serve as the Pretreatment Coordinator (PC) in lieu of a separate PC position.*
- 701 Residential User shall mean a Single-Family Residential User. It shall not include those defined as a Nonresidential
702 User.
- 703 Sand/Oil Interceptor shall mean an appropriately sized in-ground tank designed to capture dirt, sand, sweepings,
704 minor petroleum spills, etc. from car washes, vehicle maintenance facilities, and other service and maintenance
705 facilities to prevent these pollutants from entering the wastewater conveyance system and treatment facilities.
706 These devices may also be referred to as a “grit interceptor,” “sand trap,” or other such name.
- 707 Sanitary Wastewater (or Sanitary Sewer or Sanitary Waste). See definition for Wastewater.
- 708 Satellite Sewer System shall mean a sewer system that is owned or operated by one (1) person, political subdivision,
709 company, or other such party (all collectively referred to as “party” in this definition) that discharges to a system
710 that is owned or operated by a different party, the operation and maintenance of which are covered in SC R61-

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711 9.610. *These systems may be publicly or privately owned.* Satellite Sewer Systems depend on a separate party
 712 for final wastewater treatment and discharge and include systems approved under SC R61-9.505.8. It does not
 713 mean a system that is monitored by supervisory control and data acquisition (SCADA) systems.

714
 715 A wastewater system that is not covered by either a NPDES Permit or a State Land Application Permit is a Satellite
 716 Sewer System. The group of systems that are covered by this Regulation and the Satellite Sewer System General
 717 Permit as issued by SCDES (or other such permit issued by SCDES and/or EPA) are those that would require a
 718 construction permit under SC R61-67 if built today. There are two (2) basic situations that would normally apply:

- 719 A. Sewers serving more than one building (apartments, subdivisions, industrial complex, etc.)
 720 B. Pretreatment systems at industries

721
 722 There are some exemptions for a construction permit if the system is defined as a service connection in SC R61-
 723 67; however, the OJRSA may, at its discretion, issue an operating or other such permit to such facilities.

724 Satellite Sewer System Permit. See definition for Permit.

725 Satellite System shall collectively mean a Satellite Sewer System and private sewer.

726 Service Area shall mean all areas served or capable to be served by the OJRSA as recognized by the appropriate
 727 governing body(ies).

728 Severe Property Damage shall mean substantial physical damage to property, damage to the treatment facilities
 729 which causes them to become inoperable, or substantial and permanent loss of natural resources which can
 730 reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic
 731 loss caused by delays in production.

732 Septic Tank Waste is any sewage from holding tanks such as vessels and septic tanks.

733 Sewage shall mean human excrement and gray water (household showers, dishwashing operations, etc.).

734 Sewer Service (aka "Lateral" or "Service Lateral") shall mean piping or plumbing that serves individual properties
 735 and connect a privately-owned sewer system and plumbing (the portion located on private property) to the public
 736 sewer line.

737 Sewer System shall mean a Satellite Sewer System, Public Sewer, Private Utility, and/or Private Sewer.

738 Shall is mandatory and requires compliance. May is permissive.

739 Significant Industrial User shall mean:

- 740 A. An Industrial User subject to Categorical Pretreatment Standards (Categorical Industrial User); or
 741 B. An Industrial User that:
 742 1. Discharges an average of twenty-five thousand (25,000) gpd or more of process wastewater to the
 743 POTW (excluding non-process wastewater); or
 744 2. Contributes a process wastestream which makes up five percent (5%) or more of the average dry
 745 weather hydraulic or organic capacity of the POTW treatment plant; or
 746 3. Is designated as such by OJRSA on the basis that it has a reasonable potential for adversely affecting
 747 the POTW's operation or for violating any Pretreatment Standard or Requirement (in accordance
 748 with SC R61-9 403.8(f)(6)).

749 Upon a finding that a User meeting the criteria in Subsection B of this part has no reasonable potential for
 750 adversely affecting the POTW's operation or for violating any Pretreatment Standard or Requirement,
 751 OJRSA may at any time, on its own initiative or in response to a petition received from an Industrial User,
 752 and in accordance with procedures in SC R61-9 403.8(t)(6), determine that such User should not be consid-
 753 ered a Significant Industrial User.

- 754 C. A Commercial or Institutional User who is not subject to Categorical Pretreatment Standards but who may
 755 be subject to Local Limits. The same definitions set forth in B.1, B.2, and B.3 shall apply to these Users.

756 Significant Noncompliance shall mean one or a combination of any of the following:

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- 757 A. Chronic violations of wastewater discharge limits, defined here as those in which sixty-six percent (66%) or
758 more of all of the measurements taken for the same pollutant parameter during a six (6) month period
759 exceed (by any magnitude) a numeric Pretreatment Standard or requirement, including instantaneous lim-
760 its;
- 761 B. Technical Review Criteria (TRC) violations, defined here as those in which thirty-three percent (33%) or
762 more of all of the measurements taken for the same pollutant parameter during a six (6) month period
763 equal, or exceed, the product of the numeric Pretreatment Standard or Requirement including instantane-
764 ous limits multiplied by the applicable TRC (TRC multiplier is one and four-tenths (1.4) for BOD, TSS, fats,
765 oil, and grease; and one and two-tenths (1.2) for all other pollutants except pH);
- 766 C. Any other violation of a Pretreatment Standard or Requirement as defined by SC R61-9 403.3 (Daily Maxi-
767 mum, long-term average, instantaneous limit, or narrative standard) that the POTW determines has caused,
768 alone or in combination with other discharges, interference or pass- through including endangering the
769 health of POTW personnel or the general public;
- 770 D. Any discharge of a pollutant that has caused imminent endangerment to human health/welfare or to the
771 environment and has resulted in OJRSA's exercise of its emergency authority to halt or prevent such a dis-
772 charge;
- 773 E. Failure to meet within ninety (90) calendar days of the scheduled date, a Compliance Schedule milestone
774 contained in an individual wastewater discharge permit or enforcement order for starting construction,
775 completing construction, or attaining final compliance;
- 776 F. Failure to provide within forty-five (45) calendar days after the due date, any required reports, including
777 baseline monitoring reports, reports on compliance with Categorical Pretreatment Standard deadlines, pe-
778 riodic discharge monitoring reports (DMR), and reports on compliance with Compliance Schedules;
- 779 G. Failure to accurately report noncompliance;
- 780 H. Any other violation(s), which may include a violation of Best Management Practices, which the Director
781 determines will adversely affect the operation or implementation of the local Pretreatment Program.

782 Single-Family Residential shall mean an independent residential structure that sits on its own land and is intended
783 to be used as a single unit with unshared utilities. Includes traditional detached homes, mobile homes, Multi-
784 Family Developments (if units have individual sewer plumbing that is not combined, or no more than two (2)
785 units have shared sewer plumbing or service line, prior to connection to the public sewer system), and recrea-
786 tional vehicles ("RV")/camper sites with an individual Water Meter and sewer connection.

787 Slug Load (or Slug) shall mean any discharge at a flow rate or concentration which could cause a violation of the
788 prohibited discharge standards in SECTION 4 of these Regulations; or any discharge of a nonroutine, episodic na-
789 ture, including but not limited to, an accidental spill or a non-customary batch discharge which has a reasonable
790 potential to cause interference or pass through, or in any other way will violate OJRSA Regulations, Local Limits,
791 or Permit conditions.

792 South Carolina Department of Environmental Services shall mean the State cabinet agency established by state law
793 on July 1, 2024, with specific roles and responsibilities for overseeing the protection and preservation of South
794 Carolina's environment and natural resources. Prior to July 1, 2024, SCDES was a division of the South Carolina
795 Department of Health and Environmental Control (SCDHEC).

796 Special Pretreatment Device shall mean equipment used to reduce, remove or alter the nature of pollutants in
797 wastewater prior to entering the Public Sewer. Such devices include, but are not limited to: FOG Control Devices,
798 Oil/Water Interceptors, Sand/Oil Interceptors, Hair Trap/Interceptors, Lint Interceptors, Plaster Interceptors.
799 Pretreatment Systems, and others as necessary to protect the conveyance system, treatment facility, and/or to
800 comply with NPDES Permit requirements.

801 Standard Industrial Classification System shall mean a classification pursuant to the 1997 edition of the Standard
802 Industrial Classification Manual issued by the Executive Office of the President of the United States' Office of
803 Management and Budget (OMB). The NAICS system was set in place in 1997 to take the place of the SIC System.
804 The SIC codes are still referenced in some pretreatment regulations and are still currently in use.

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- 805 State shall mean the state of South Carolina.
- 806 Storm Sewer shall mean a sewer that carries only stormwater, surface runoff, street wash, and drainage, and to
807 which wastewater is not intentionally admitted.
- 808 Stormwater shall mean any flow occurring during or following any form of natural precipitation and resulting there-
809 from.
- 810 Suspended Solids shall mean the total suspended matter that floats on the surface of, or is suspended in, water,
811 wastewater, or other liquid, and which is removable by laboratory methods as prescribed by 40 CFR Part 136, or
812 equivalent methods approved by EPA, and referenced as non-filterable residue.
- 813 Total Ammonia Nitrogen shall mean nitrogen in the form of ammonia and the ammonium ion found in wastewater
814 as prescribed in 40 CFR Part 136 or equivalent methods approved by EPA. The chemical formula for this com-
815 pound is $\text{NH}_3\text{-N}$.
- 816 Total Kjeldahl Nitrogen shall mean the sum of organic nitrogen and ammonia nitrogen content of a wastewater as
817 prescribed in 40 CFR, Part 136, or equivalent methods approved by EPA.
- 818 Total Phosphorus shall mean the sum of the dissolved and suspended organic and inorganic phosphorus content of
819 a wastewater as prescribed in 40 CFR Part 136, or equivalent methods approved by EPA.
- 820 Toxic (as in Materials, Pollutants or Substances) shall mean any substances whether gaseous, liquid, or solid, which
821 when discharged to the POTW in sufficient quantities may tend to interfere with any wastewater treatment
822 process or constitute a hazard to the environment or recreation in the receiving waters of the effluent from the
823 POTW. These substances include but are not limited to those one hundred twenty-six (126) pollutants, or com-
824 bination of those pollutants, listed as toxic in regulations promulgated by the EPA under the provisions of 307
825 (33 USC §1317) of the Act, or other acts.
- 826 Unpolluted Water shall mean water of sufficient quality that it would not be in violation of Federal or State water
827 quality standards if such water were discharged to Waters of the State/United States.
- 828 Upset shall mean an exceptional incident in which there is unintentional and temporary noncompliance with Cate-
829 gorical Pretreatment Standards because of factors beyond the reasonable control of the Industrial User. An up-
830 set does not include noncompliance to the extent caused by operational error, improperly designed treatment
831 facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation.
- 832 User shall mean any person or entity (Residential, Nonresidential, Commercial, Industrial, Institutional, Nonsignifi-
833 cant Industrial, and/or other) who directly or indirectly discharges, causes, or permits the discharge of
834 wastewater to the POTW. *Also see Industrial User and Nonsignificant Industrial User.*
- 835 User Charge shall mean the system of charges levied on Users for the operation and maintenance costs of the
836 wastewater disposal system by OJRSA, as well as other costs considered appropriate as established by the Board
837 of Commissioners.
- 838 Wastewater shall mean the combination of the liquid and water-carried wastes from residences, Commercial build-
839 ings, industrial plants, and institutions, including cooling water, holding tank waste, and infiltration and inflow.
- 840 A. Sanitary wastewater shall mean the combination of liquid and water carried wastes discharged from toilet
841 and other sanitary plumbing facilities.
- 842 B. Industrial wastewater shall mean a combination of liquid and water carried wastes discharged from any
843 industrial establishment and resulting from any trade or process carried on in that establishment and shall
844 include the wastes from pretreatment facilities and cooling water.
- 845 Wastewater Disposal System shall mean the land, structures, equipment, and processes owned and controlled by
846 the OJRSA (unless specified otherwise) required to collect, transport, and treat wastewater and to dispose of
847 the effluent and accumulated residual solids.

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848 Water Meter shall mean a device for measuring and registering the quantity of water that passes through a pipe or
 849 other outlet. For the purposes of this Regulation, the water that passes through a Water Meter that measures
 850 any water which is discharged to a conveyance system, regardless of whether all or any water is disposed of in
 851 the sewer that is conveyed to the OJRSA wastewater treatment plant. A Water Meter does not include meters
 852 on plumbing and pipes that are not connected to the sewer system, such as many fire suppression and irrigation
 853 systems as they are not typically connected to a collection system; however, if it is determined that they are on
 854 a case-by-case basis, then they shall be treated as a Water Meter defined herein.

855 Waters of the State shall mean all streams, lakes, ponds, marshes, water courses, waterways, wells, springs, reser-
 856 voirs, aquifers, irrigation systems, drainage systems, and all other bodies or accumulations of water, surface or
 857 underground, natural or artificial, public or private, which are contained within, flow through, or border upon
 858 the State or any portion thereof.

859 Waters of the United States shall be defined by 40 CFR 230.3(s).

860 Wet Signature shall mean an original signature created when a person physically marks a document using pen and
 861 ink with the intent to sign the record.

862 Winery shall mean a facility in which wine is manufactured from any fruit, or brandies are distilled as a by-product
 863 of wine or other fruit, or cordials are compounded. Wineries may include a retail store and a tasting room for
 864 products for produced at the facility Also see Alcoholic Beverage.

865 Yellow Grease shall mean fats, oils, and grease that has not been in contact or contaminated from other sources
 866 (water, wastewater, solid waste, etc.) and can be recycled. Most “yellow grease” is deep fat fryer grease that
 867 has been used and is normally stored in a grease recycle container or bin for beneficial reuse. OJRSA does not
 868 accept yellow grease. Yellow grease may not be mixed with any other waste that is being disposed at a OJRSA
 869 water reclamation facility.

870 **2.4 ACRONYMS, ABBREVIATIONS, AND SYMBOLS**

871 °C: Celsius	893 CMOM: Capacity, Management, Operation, and
872 °F: Fahrenheit	894 Maintenance Audit
873 §: Section	895 CPI: Consumer Price Index of All Urban Consumers
874 ADF: Average Daily Flow (unit of volume during a pe-	896 (CPI-U)—U.S. city average, All items (as issued by
875 riod of time)	897 the US Bureau of Labor Statistics)
876 ADMI: American Dye Manufacturers Institute	898 COD: Chemical Oxygen Demand
877 AO: Administrative Order	899 CROMERR: Cross Media Electronic Reporting Rule
878 ASCE: American Society of Civil Engineers	900 CSA: Canadian Standards Association
879 ASME: American Society of Mechanical Engineers	901 CWA: Clean Water Act
880 ASTM: American Society of Testing and Materials-In-	902 Dir: Executive Director of the OJRSA
881 ternational	903 DMR: Discharge Monitoring Report
882 Atty: OJRSA Attorney (General Counsel) and/or	904 e.g.: <i>Exempli Gratia</i> , Latin for “for example”
883 Other Legal Counsel as Designated by OJRSA	905 EPA: United States Environmental Protection Agency
884 Board of Commissioners	906 ERG: Enforcement Response Guide
885 BMP or BMPs: Best Management Practice(s)	907 et seq.: <i>Et Sequentes</i> , Latin for “and the following”
886 BOD: Biochemical Oxygen Demand	908 FCD: FOG Control Device
887 CAO: Chief Administrative Officer	909 FOG: Fats, Oils, and Grease
888 CCPI: Cumulative Consumer Price Index	910 FOG Insp: FOG Inspector (or person(s) authorized to
889 CEC: Contaminants of Emerging Concern	911 serve in this capacity for the OJRSA)
890 CEO: Chief Executive Officer	912 FOIA: South Carolina Freedom of Information Act (SC
891 CFR: Code of Federal Regulations	913 Law Title 30 Chapter 4)
892 CIU: Categorical Industrial User	914 FSE: Food Service Establishment
	915 gal: Gallon (unit of volume)

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916	gpd: Gallons per Day (unit of volume during a period of time)	954	PDF: Portable Document Format
917		955	PDI: Plumbing and Drainage Institute
918	HFD: Hydromechanical FOG Device	956	pH: Potential of Hydrogen or Power of Hydrogen (unit of acidity/basicity)
919	I&I: Inflow and Infiltration	957	
920	in.: Inch or Inches, as appropriate (unit of distance)	958	PL: Public Law
921	IU: Industrial User	959	POTW: Publicly Owned Treatment Works
922	kg: Kilogram (unit of mass)	960	PU: Private Utility
923	lb (or lbs): Pound or Pounds, as appropriate (unit of mass)	961	QAC or QACs: Quaternary Ammonium Compound(s)
924		962	RSC: Regulatory Services Coordinator or Inspector (or person(s) authorized to serve in this capacity for the OJRSA)
925	MB: Megabyte	963	
926	mg/L: Milligrams per Liter (unit of concentration)	964	
927	NAICS: North American Industry Classification System	965	SC Rxx (where "xx" is either letters and/or numbers): South Carolina Regulation ("xx" references the regulation)
928		966	
929	NCPS: National Categorical Pretreatment Standard(s)	967	
930	NH ₃ -N: Ammonia Nitrogen	968	RCRA: Resource Conservation and Recovery Act
931	No.: Number	969	SC: South Carolina
932	NOAA: National Oceanic and Atmospheric Administration	970	SCADA: Supervisory Control and Data Acquisition
933		971	SCDES: South Carolina Department of Environmental Services or any successor agency
934	NOSNC: Notice of Significant Noncompliance	972	
935	NOV: Notice of Violation	973	SCDHEC: South Carolina Department of Health and Environmental Control, successor agency to SCDES
936	NPDES: National Pollutant Discharge Elimination System	974	
937		975	
938	NSF: National Sanitation Foundation	976	SDWA: Safe Drinking Water Act
939	O&M: Operation and Maintenance	977	SIC: Standard Industrial Classification System
940	OD: Oxygen Demand	978	SIU: Significant Industrial User
941	OJRSA: Oconee Joint Regional Sewer Authority	979	SNC: Significant Noncompliance
942	OJRSA SUR xx (where "xx" is either letters and/or numbers): Oconee Joint Regional Sewer Authority Regulation ("xx" references the regulation)	980	SS: Suspended Solids
943		981	SU: Standard Units for pH Measurements
944		982	SUR: <i>OJRSA Sewer Use Regulation</i>
945	OMB: Office of Management and Budget, an office within the Executive Office of the President of the United States	983	SWDA: Solid Waste Disposal Act
946		984	TKN: Total Kjeldahl Nitrogen
947		985	TMS: Tax Map System
948	OSHA: Occupational Safety and Health Administration	986	TRC: Technical Review Criteria
949		987	TSS: Total Suspended Solids
950	PC: Pretreatment Coordinator or person(s) authorized to serve in this capacity by or Inspector for the OJRSAPFAS: Per- and Polyfluoroalkyl Substances	988	US: United States
951		989	USC: United States Code
952		990	WEF: Water Environment Federation
953			

991 **2.5 DOCUMENT FORMAT**

992 This manual contains fonts and styles that mean certain things, including points of emphasis or reference other
 993 sections or materials. Below is a list of the types used within this manual and what it represents when encountered
 994 in the *OJRSA Sewer Use Regulation*.

995

BOLD CAPITAL LETTERSDashed Underline*Italic 'Cambria Math' Font**Italics*

MIX-SIZED CAPITAL LETTERS

Important point of emphasis

Name of a form to use for documenting a referenced task

Mathematic or chemistry formula

Title of books, manuals, and other documents or unfamiliar foreign words

Name of sections or appendices in a book, manual, or other document

OJRSA Sewer Use Regulation**DRAFT August 21, 2024 FOR O&P COMMITTEE**Underlined

Word being defined (limited to SECTION 2.3)

Underlined Italics

A note of emphasis

996 **2.6 ELECTRONIC SUBMITTAL OF DOCUMENTS**

997 The following information does not apply to documents that require a Wet Signature as stated the appropriate
 998 sections of the *OJRSA Sewer Use Regulation* (SUR). Applications and documents may be submitted electronically
 999 in accordance with the following requirements:

- 1000 A. All electronic submittals must be in Portable Document Format (PDF).
 1001 B. Each submittal document must be a separate PDF (there can be multiple pages within each PDF document
 1002 so long as they are all associated with the same document, form, etc.).
 1003 C. The file size for any single PDF submitted must not exceed fifty megabytes (50 MB) (building and site plan
 1004 submittals can exceed this file size). It shall be the responsibility of the User submitting the document to
 1005 ensure its delivery and receipt by the OJRSA.
 1006 D. Ensure all layers are flattened in the authoring program prior to export and submittal. (Scanned documents
 1007 are inherently flattened)
 1008 E. Orient all sheets so the top of the page is always at the top of the computer screen (right side up).
 1009 F. All sheets must be numbered, labeled, or titled.
 1010 G. Documents requiring Wet Signatures as stated within the SUR may be submitted electronically but must be
 1011 accompanied by the Wet Signature hard copy.

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1012 **Section 3 – Use of Sewers**1013 **3.1 USE OF SYSTEM CONSTITUTES ACCEPTANCE**

1014 The use of the wastewater treatment facilities of the OJRSA by any User shall constitute the User’s consent and
 1015 agreement to comply with and abide by the terms and conditions of these Regulations and the rules and regulations
 1016 promulgated hereunder, including enforcement and penalty provisions.

1017 **3.2 SEWER SYSTEMS**

- 1018 A. OJRSA shall not accept a connection from any Sewer System owned by more than one (1) User. This re-
 1019 quirement shall not apply to systems which are owned by multiple public entities.
- 1020 B. For service requests outside of the service area of a Member City, Satellite Sewer System, or a municipal or
 1021 County Sewer System, any Private Utility (PU) desiring to connect a Sewer System to an OJRSA trunk line
 1022 shall make application to OJRSA and must enter into an agreement or Discharge Permit with OJRSA whereby
 1023 the PU covenants to restrict future conveyances of the Sewer System as follows:
- 1024 1. The PU and its successors agree that any and all future conveyances of the Sewer System are re-
 1025 stricted and limited to conveyances to a single entity of the entire system of gravity lines, force
 1026 mains, and pump stations constituting a Sewer System. Maps indicating size, inverts, and locations
 1027 of all infrastructure shall be provided to OJRSA in acceptable electronic and paper formats as iden-
 1028 tified in the *OJRSA Development Policy*;
 - 1029 2. OJRSA may seek injunctive relief to enforce the terms of the Agreement until such time that the
 1030 Sewer System in its entirety is owned by a public entity.
 - 1031 3. Further, the application to OJRSA will include an opinion from the PU’s legal counsel that such PU
 1032 is authorized to own and operate the Sewer System and to enter into the contracts by which it
 1033 gained ownership and control of the system.
- 1034 C. Sewer Systems that are to remain privately owned must be permitted by SCDES and/or the OJRSA as a
 1035 Satellite Sewer System and shall conduct operations and maintenance on the PU system in compliance with
 1036 the SCDES Satellite Sewer System Permit or other such permit or requirement of SCDES and these Regula-
 1037 tions.
- 1038 D. Service requests inside the service area of a Member City, municipality, or County sewer.
- 1039 1. All requests for service inside the service area of a Member City, municipality, or County shall be
 1040 under the direction and approval of a Member City, municipality or County. This provision allows
 1041 the Member City, municipality, or County to use a PU under contract. OJRSA shall consider such
 1042 Sewer System a part of the Member City, municipality, or County’s Sewer System.
 - 1043 2. The application for service to OJRSA shall be under the direction and approval of the Member City,
 1044 municipality, or County with a pledge to OJRSA that shall the PU become insolvent, inoperable, or
 1045 subject to any regulatory warning for an unsafe or unsanitary operating condition which is uncured
 1046 for more than thirty (30) calendar days, then the Member City, municipality, or County will assume
 1047 ownership, operational, maintenance, and financial responsibility for the PU.
 - 1048 3. For any Sewer System owned by a PU, OJRSA shall be provided with a copy of the contract by which
 1049 such entity obtained control of the system. A term of that contract shall require ownership of the
 1050 system shall be transferred to a public utility if the PU becomes insolvent, or the Sewer System
 1051 becomes inoperable or subject for thirty (30) calendar days to an uncured regulatory warning for
 1052 an unsafe or unsanitary operating condition. The contract will include express provision giving
 1053 OJRSA standing to bring an action to enforce the terms of the contract as a third-party beneficiary
 1054 thereto.

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3.3 PERMITS REQUIRED

- 1055
- 1056 A. Prior to connection to the wastewater disposal system, the applicant shall obtain approval from OJRSA via
- 1057 Discharge Permit. Application shall be made in writing on forms provided by the OJRSA.
- 1058 B. Discharge Permits are issued to a specific User for a specific function or purpose. A Discharge Permit shall
- 1059 not be reassigned, transferred, or sold to a new Owner, new User, and/or different premises/parcel. Indus-
- 1060 trial Users must also comply with OJRSA SUR 3.3(D) and 6.1.
- 1061 C. All Users of the system after January 1, 1990 shall apply for a Capacity Permit (or equivalent permitting
- 1062 record) for documenting sewer connections to any sewer that conveys wastewater to OJRSA facilities. Such
- 1063 permits must be approved by OJRSA prior to connecting to and/or using the public sewer.
- 1064 D. Industrial Users
- 1065 1. All new industries discharging industrial wastewater shall complete an Industrial Discharge Permit
- 1066 Application and Questionnaire and obtain approval to connect and use the sewer facilities, regard-
- 1067 less of the amount of discharge (including "zero (0) discharge" facilities that haul wastewater offsite
- 1068 for treatment or disposal). If applicable, facilities may be issued an Industrial User Permit.
- 1069 2. All currently permitted Industrial Users shall apply for renewal of their Industrial User Permit by
- 1070 completing an Industrial Discharge Permit Application and Questionnaire and submitting it to the
- 1071 Director or his/her designee at least one hundred eighty (180) calendar days prior to expiration of
- 1072 the current permit. The Industrial Discharge Permit Application and Questionnaire shall be as pro-
- 1073 vided by the Director or his/her designee. This application shall be obtained from the OJRSA.
- 1074 E. Nonresidential Users are subject to being permitted as a Nonsignificant Industrial User with requirements
- 1075 to assist in compliance with the *OJRSA Sewer User Regulation* and eliminating prohibited discharges into
- 1076 the collection system. At OJRSA's discretion, such facilities may be issued a Nonsignificant Source
- 1077 Wastewater Discharge Permit.

3.4 RESPONSIBILITY OF COSTS

1078 All costs and expense incident to the installation and connection of building sewers and/or extension of the con-

1079 veyance system shall be borne by the Owner.

1080

3.5 USE OF PUBLIC SEWERS REQUIRED

- 1081
- 1082 A. It shall be unlawful to discharge to any Natural Outlet in areas under the jurisdiction of the OJRSA any
- 1083 wastewater, except where suitable treatment has been provided in accordance with subsequent provisions
- 1084 of these Regulations and with regulations of SCDES.
- 1085 B. Except as hereinafter provided, it shall be unlawful to construct or maintain any privy, privy vault, septic
- 1086 tank, cesspool, or other facility intended or used for the disposal of wastewater.
- 1087 C. The Owner of all houses, buildings, or properties used for human occupancy, employment, recreation, or
- 1088 other purposes, abutting on any street, alley, or right-of-way in which there is a public sanitary sewer, is
- 1089 hereby required at the expense of the Owner to install suitable toilet facilities therein, and to connect such
- 1090 facilities directly with the public sewer in accordance with the provisions of these Regulations. Under unu-
- 1091 sual or specific circumstances, the Director may waive this provision. This requirement shall not apply to
- 1092 any of the above-described properties that, as of the date this Regulation is adopted, are utilizing a septic
- 1093 system permitted by SCDES in compliance with S.C. Regulation 61-56. Such properties may continue to
- 1094 utilize their existing septic systems until and unless SCDES requires those properties to connect to public
- 1095 sewer pursuant to S.C. Regulation 61-56.
- 1096 D. Exceptions
- 1097 1. Force mains shall not be considered accessible and shall not be utilized by any User for direct con-
- 1098 nection of sewer service.
- 1099 2. Where annexation or easements to cross adjacent property are required to connect to the
- 1100 wastewater system at the time of application, then sewer shall not be considered accessible. A
- 1101 deed and plat must be on file with the Register of Deeds indicating the parcel(s) located between

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the property to be developed and the sewer system. The adjacent parcel(s) which must be crossed shall be identifiable by County Tax Map System (TMS) number.

- E. Requirements of Other Authorities – No requirement or provision of this Regulation shall be construed to relieve a User of any additional requirements that may be imposed by other authorities having legal jurisdiction.

3.6 SEWER CONSTRUCTION AND MATERIALS

- A. All construction methods, materials, and details for sewer construction and connections to the OJRSA must meet the minimum requirements stated in the *OJRSA Development Policy*, which is an enforceable extension of this Regulation. For conditions not addressed in the Development Policy, the OJRSA shall consider these situations on a case-by-case basis.
- B. Where the Owner desires the OJRSA to assume responsibility for the operation and maintenance of new treatment works, trunk lines, or pump stations, all such facilities shall be designed and constructed in accordance with the OJRSA's requirements as stated within the current version of the OJRSA Development Policy and shall be subject to their review and approval and be in compliance with any applicable SCDES requirements. The OJRSA, subject to OJRSA policies, may assume responsibility for the operation and maintenance costs of treatment systems and pump stations upon such terms and conditions as it deems appropriate.

3.7 CERTAIN CONNECTIONS PROHIBITED

- A. Connections Not Allowed to Sewer
1. No person shall make any connection of roof downspouts, exterior foundation drains, area drains, dumpster pad drains, or other sources of inflow, infiltration, or other unpolluted waters to a building sewer or building drain which in turn is connected, directly or indirectly, to a sanitary sewer.
 2. Floor drains are not permitted in areas where machining, automotive repair, painting, and other such activities take place that are directly or indirectly (such as to a Satellite Sewer System) connected to the OJRSA sanitary sewer system.
 3. No Commercial, Institutional, Industrial, or other Nonresidential Users as defined shall install a garbage grinder or allow any discharge from such grinder from any unit or portion of its facility unless written permission has been granted by the Director.
 4. Swimming pools, spas, hot tubs, and the like shall not connect unless in compliance with OJRSA SUR 4.2(D).
- B. Connection Not Allowed to Storm Sewers – No sanitary wastewater shall be discharged into a storm sewer. Upon discovery, such disposals shall be reported to SCDES for investigation and enforcement.

3.8 MULTIPLE CONNECTIONS THROUGH ONE-BUILDING SEWER

A separate and independent building sewer shall be provided for every building; except where one (1) building stands at the rear of another on an interior lot and no sanitary sewer is available nor can be constructed to the rear building through an adjoining alley, court, yard, easement, or driveway. The building sewer from the front building may be extended to the rear building and the whole considered as one (1) building sewer with prior approval by OJRSA.

3.9 USE OF OLD BUILDING SEWERS

- A. Old building sewers may be used in connection with new buildings only when they are found, upon examination and testing, to meet all requirements of these Regulations.
- B. For connections to Satellite Sewer Systems, it shall be the responsibility of the system Owner to confirm compliance with these Regulations prior to authorizing the connection to their system.

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- 1145 C. Where public sewer is not available according to the provisions of these Regulations, building sewers shall
1146 be connected to private wastewater disposal systems subject to the requirements of the County or SCDES.

1147 **3.10 COMPLIANCE WITH OTHER REGULATIONS**

1148 The size, slope, alignment, materials of construction, excavating methods, pipe placement, jointing, testing, and
1149 backfilling shall all conform to the building code and plumbing code. In the absence of other provisions, the mate-
1150 rials and procedures set forth in *ASCE Manual of Practice No. 60*. And *WEF Manual of Practice No. FD-5* shall govern.
1151 All joints of the building sewer shall be tight and waterproof.

1152 **3.11 CONNECTION OF BUILDING SEWER TO PUBLIC SEWER**

- 1153 A. Whenever possible, the building sewer shall be brought to the building at an elevation below the basement
1154 floor.
1155 B. In all buildings in which any building drain is too low to permit gravity flow to the public sewer, wastewater
1156 carried by such building drain shall be lifted by a means approved by the OJRSA and discharged to the
1157 building sewer.
1158 C. The connection of the building sewer into the public sewer shall conform to the requirements of applicable
1159 building and plumbing codes and the *OJRSA Development Policy*. All such connections shall be made gas-
1160 tight and watertight.
1161 D. Any deviation from the prescribed procedures and materials must be approved by the Director or in ac-
1162 cordance with the *OJRSA Development Policy* before installation.

1163 **3.12 SUPERVISION OF BUILDING SEWER CONSTRUCTION**

1164 The applicant for the building sewer permit shall notify the OJRSA when the building sewer is ready for inspection
1165 and connection to the public sewer no less than two (2) full business days prior to making the connection. The
1166 OJRSA, at its discretion, reserves the right to install, supervise, and/or inspect all connections to the public sewer.
1167 All excavations for building sewer installation shall be adequately guarded with barricades and lights so as to protect
1168 the public from hazard. Streets, sidewalks, parkways, and other public property disturbed in the course of the work
1169 shall be restored in a manner satisfactory to the OJRSA. Construction shall comply with the provisions of PL 91-596,
1170 the Occupational Safety and Health Act of 1970.

1171 **3.13 SPECIAL PRETREATMENT DEVICES**

- 1172 A. All Special Pretreatment Devices may be subject to construction and operational permitting by SCDES.
1173 B. FOG Control Devices
1174 1. FOG Interceptors, Hydromechanical FOG Devices (HFD), and FOG Traps shall be provided when they
1175 are necessary for the proper handling of liquid wastes containing floatable oil in excessive amounts,
1176 sand, or other harmful ingredients as required by SECTION 9 of these Regulations. Applicable facili-
1177 ties for these systems include those identified in that Section; except that such devices shall not be
1178 required for Single-Family Residential or dwelling units unless associated with regulated Multi-Fam-
1179 ily Developments or a Hotel with Kitchen as stated in OJRSA SUR 9.3(C).
1180 2. All devices shall be of a type and capacity approved by the Director or his/her designee and shall
1181 be located as to be readily and easily accessible for cleaning and inspection with adequate and
1182 approved security mechanisms installed to prevent unauthorized access or use.
1183 3. Where installed, all FOG Interceptors, HFDs, and FOG Traps shall be maintained and secured by the
1184 Owner at their expense and in continuously efficient operation at all times.
1185 4. In maintenance of these devices, the Owner shall be responsible for the proper removal and dis-
1186 posal by appropriate means of the captured material and shall maintain records of the dates and
1187 means of disposal which are subject to review by the OJRSA, State, EPA, or other governing body
1188 as appropriate.

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- 1189 5. Any removal and hauling of collected materials shall be performed according to applicable State,
1190 Federal, and Local regulations.
- 1191 6. Additional requirements and regulatory guidance for the installation, operation, and maintenance
1192 of FOG Interceptors, HFD, and FOG Traps can be found in the *OJRSA Development*.
- 1193 C. Oil and Grit Removal Systems
- 1194 1. Oil/Water Interceptors and Sand/Oil Interceptors shall be provided when they are necessary for
1195 the proper handling and removal of oil, sand, or other harmful pollutants. Applicable facilities for
1196 these systems include, but are not limited to, car washes, auto maintenance shops, mechanical
1197 maintenance shops, industries, etc.
- 1198 2. All devices shall be of a type and capacity approved by the Director or his/her designee and shall
1199 be located as to be readily and easily accessible for cleaning and inspection with adequate and
1200 approved security mechanisms installed to prevent unauthorized access or use.
- 1201 3. Where installed, all Sand/Oil Interceptors and Oil/Water Interceptors shall be maintained and se-
1202 cured by the Owner at their expense in continuously efficient operation at all times.
- 1203 4. In maintenance of these devices, the Owner shall be responsible for the proper removal and dis-
1204 posal by appropriate means of the captured material and shall maintain records of the dates and
1205 means of disposal which are subject to review by the OJRSA, State, EPA, or other governing body
1206 as appropriate.
- 1207 5. Any removal and hauling of collected materials shall be performed according to applicable State,
1208 Federal, and Local regulations.
- 1209 6. Sand/Oil Interceptors and Oil/Water Interceptors must be cleaned out every three (3) months un-
1210 less the facility can document that four (4) months does not affect the functionality of the devices
1211 or impact the sewer system.
- 1212 7. Additional requirements and regulatory guidance for the installation, operation, and maintenance
1213 of Sand/Oil Interceptors and Oil/Water Interceptors can be found in the *OJRSA Development Policy*.
- 1214 D. Pretreatment Facilities – In addition to the installation of Pretreatment Facilities as may be necessary to
1215 meet the requirements of SECTIONS 4.4 and 4.9, Industries or other Users are required to install specialized
1216 equipment on a case-by-case basis as determined by the OJRSA and/or SCDES in order to:
- 1217 1. Prevent the introduction of pollutants into the wastewater conveyance system and treatment fa-
1218 cilities that will interfere with their operations or pass-through untreated or undertreated;
- 1219 2. Improve opportunities to recycle and/or reclaim municipal and industrial wastewaters and sludges;
- 1220 3. Protect the wastewater conveyance system from unnecessary degradation or blockages; and/or
- 1221 4. Protect employees and others that perform work on the conveyance system and/or treatment fa-
1222 cilities.
- 1223 E. Others as necessary for the OJRSA to protect its conveyance system, treatment facility, and/or to comply
1224 with its NPDES Permit requirements. Such devices may include, but are not limited to Lint Interceptors, Hair
1225 Trap/Interceptors, and Plaster Separators.

1226 **3.14 PLANS, SPECIFICATIONS, AND CONSTRUCTION GENERAL GUIDANCE**

- 1227 A. The *OJRSA Development Policy* is an enforceable extension of this Regulation.
- 1228 B. *OJRSA Development Policy* shall be used for designing private sewers, including service connections (“lat-
1229 erals”), or conveyance systems that are to be owned, operated, or maintained by the OJRSA.
- 1230 C. OJRSA approval of plans, specifications, and construction for the expansion or modification to facilities and
1231 pretreatment systems shall be based on *OJRSA Development Policy* and other regulations (e.g., SCDES).
- 1232 D. All facilities to be deeded to and accepted by the OJRSA shall be completed, construction requirements for
1233 engineering standards or regulations met per SECTION 3.14, and be inspected and approved by County or
1234 Member City Codes Department (or other as appropriate), OJRSA, and/or SCDES.

1235 **3.15 CONNECTION CONSTITUTES CONSENT**

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1236 Connection to the OJRSA's system shall constitute consent and agreement by the User to be bound by and to abide
1237 with all OJRSA Regulations and requirements.

1238 3.16 SPECIFICATIONS FOR CONNECTIONS TO SEWER

1239 Information regarding connection, testing, inspection, and materials to OJRSA sewer can be found in the *OJRSA*
1240 *Development Policy*.

1241 3.17 VARIANCES

- 1242 A. The OJRSA shall not grant variances for requirements or mandates established by or based upon Federal or
1243 State laws and regulations. Variances allowed by Federal or State law will be considered by the Director and
1244 may be included in a Discharge Permit or other written document as issued by OJRSA.
- 1245 B. All variances may be revoked or required to be modified in order for the OJRSA to comply with Federal and
1246 State laws.
- 1247 C. The variance procedure as listed in the *OJRSA Development Policy* shall apply for OJRSA Regulation and
1248 policies, including but not limited to these Regulations, fees, design, and construction matters.

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1249 **Section 4 – Prohibitions and Limitations on Wastewater Discharges**1250 **4.1 PROHIBITED DISCHARGES**

- 1251 A. General Prohibitions – It shall be unlawful for any person to discharge wastewater which causes a hazard
 1252 to human life, creates a public nuisance, exceeds specific limitations set forth hereinafter, or causes pass-
 1253 through or interference. These general prohibitions apply to all Users of the POTW whether or not the User
 1254 is subject to National Categorical Pretreatment Standards or any other Federal, State, or local regulations
 1255 or ordinances. When the Director determines that a User is discharging such wastewater, the Director shall
 1256 advise the User of the potential impact of the discharge and develop effluent limitations for such discharge
 1257 to protect the POTW.
- 1258 B. Specific Prohibitions – A User shall not discharge the following substances to the POTW:
- 1259 1. Uncontaminated cooling water, condensate, ground water from wells, and/or surface water may
 1260 not be discharged to the conveyance system and POTW unless otherwise approved in an industrial
 1261 wastewater discharge permit.
 - 1262 2. Liquids, solids, or gases which by reason of their nature or quantity are, or may be, sufficient either
 1263 alone or by interaction with other substances to cause fire or explosion or be injurious in any other
 1264 way to the POTW or to the operation of the POTW. Wastewater shall not have a closed cup flash-
 1265 point of less than one hundred forty degrees Fahrenheit (140°F) using test methods specified in 40
 1266 CFR 261.21. Materials specifically prohibited from discharge into the POTW include gasoline, kero-
 1267 sene, naphtha, fuel oil, lubricating oil, and any other substances which the OJRSA, State, OSHA, or
 1268 EPA identifies as a fire or explosive hazard or a hazard to the system.
 - 1269 3. Solid or viscous substances which may cause obstruction to the flow in a sewer or other interfer-
 1270 ence, such as, but not limited to: floatable oil, garbage with particles greater than one-half inch (0.5
 1271 in.) in any dimension, animal guts or tissues, paunch manure, bones, hair, hides, or fleshings, en-
 1272 trails, whole blood, feathers, ashes, cinders, sand, spent lime, stone or marble dust, metal, glass,
 1273 straw, shavings, grass clippings, rags, non-woven fabrics and wipes, hygiene products, spent grains,
 1274 spent hops, waste paper, wood, plastics, gas, tar, asphalt residues, residues from refining or pro-
 1275 cessing of fuel or lubricating oil, mud or glass grinding or polishing wastes. **GRINDING OR SHRED-
 1276 DING OF SOLIDS DOES NOT RENDER SUCH SOLIDS ACCEPTABLE FOR DISCHARGE TO THE POTW.**
 - 1277 4. pH Levels Considered to be Extremely Acidic or Basic
 - 1278 (a) Wastewater having a pH less than six-point-zero standard units (6.0 SU), unless other limits
 1279 are approved by the Director, or wastewater having any other corrosive property capable
 1280 of causing damage or hazard to structures, equipment, or personnel of the POTW.
 - 1281 (b) A pH greater than ten-point-zero standard units (10.0 SU) is only accepted with special per-
 1282 mission from the Director in an industrial discharge permit.
 - 1283 (c) No wastewater with a pH greater than twelve-point-zero standard units (12.0 SU) will be
 1284 accepted by OJRSA.
 - 1285 5. Wastewater containing pollutants in sufficient quantity, either singly or by interaction with other
 1286 pollutants which will cause interference, constitute a hazard to humans or animals, or create a toxic
 1287 effect in the receiving waters of the POTW.
 - 1288 6. Noxious liquids, gases, or solids which either singly, or by interaction with other wastes, are suffi-
 1289 cient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers
 1290 for their maintenance and repair.
 - 1291 7. Wastewater, liquid, or vapors having a temperature higher than one hundred fifty degrees Fahren-
 1292 heit (150°F), or results in a temperature higher than one hundred four degrees Fahrenheit (104°F)
 1293 at the influent to the POTW or heat in such an amount as will inhibit biological activity in the POTW
 1294 and result in interference.

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- 1295 8. Wastewater containing radioactive wastes or isotopes of such half-life or concentration as may exceed limits established by applicable Federal or State regulations.
- 1296
- 1297 9. Wastewater which constitutes a slug discharge as defined herein.
- 1298 10. Substances which may cause the POTW's effluent or any other product of the POTW such as residues, sludges, or scums, to be unsuitable for reclamation and reuse or to interfere with the process.
- 1299 In no case shall a substance discharged to the POTW cause the POTW to be in noncompliance with
- 1300 sludge use or disposal criteria, guidelines, or regulations developed under Section 405 of the Act;
- 1301 any criteria, guidelines, or regulations affecting sludge use or disposal developed pursuant to the
- 1302 SDWA, the Clean Air Act, the Toxic Substances Control Act, or State criteria applicable to the sludge
- 1303 management method being used.
- 1304
- 1305 11. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that may
- 1306 cause interference or pass-through.
- 1307 12. Any wastewater which imparts a visible sheen in the effluent of the POTW is prohibited.
- 1308 13. Any pollutants which result in the presence of toxic gases, vapor, or fumes within the POTW in a
- 1309 quantity that may cause acute or chronic worker health and safety problems.
- 1310 14. Any trucked or hauled pollutants not authorized under SECTION 10 of these Regulations.
- 1311 15. Any wastewater which imparts color which cannot be removed by the treatment process, such as,
- 1312 but not limited to, dye wastes and vegetable tanning solutions, which consequently imparts ob-
- 1313 servable and/or measurable color to the treatment plant's effluent thereby violating the OJRSA's
- 1314 NPDES permit. Color (in combination with turbidity) shall not cause the treatment plant effluent to
- 1315 reduce the depth of the compensation point for photosynthetic activity by more than ten percent
- 1316 (10%) from the seasonably established norm for aquatic life.
- 1317 16. Any sludges, screenings, or other residues from the pretreatment of industrial wastes.
- 1318 17. Any medical wastes, except as specifically authorized by the Director in writing by execution of a
- 1319 Capacity Permit, Industrial User Permit, other permit, or binding agreement. No medical waste may
- 1320 pose a biohazard risk to OJRSA staff, the public, or the environment. Liquid cremation processes
- 1321 and the like will be considered by OJRSA on a case-by-case basis.
- 1322 18. Any wastewater causing the treatment plant's effluent to fail a toxicity test.
- 1323 19. Any wastes containing detergents, surface active agents, or other substances in sufficient concen-
- 1324 trations which may cause excessive foaming in the POTW.
- 1325 20. Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow
- 1326 rate and/or pollutant concentration which will cause interference with the POTW.
- 1327 C. Pollutants, substances, or wastewater prohibited by this Section shall not be processed or stored in such a
- 1328 manner that they could be discharged to the POTW.
- 1329 D. Inflow Prohibitions: Any wastewater drains located outside the building must be covered with a roof or
- 1330 hatch and also have a berm or appropriate stormwater barrier around it to prevent the drainage of storm-
- 1331 water into the sewer (e.g., mop basin, sampling point, etc.). Outdoor grated cleanouts are not allowed in
- 1332 the OJRSA territory to prevent the introduction of stormwater to the sewer, which includes industrial and
- 1333 other wastestream sampling points. Dumpster pad drains are not allowed to be connected to any system
- 1334 that discharges wastewater to the OJRSA wastewater treatment plant. Any outside drain must be approved
- 1335 by OJRSA and will be evaluated on a case-by-case basis. Outside sampling locations are also included in this
- 1336 requirement. The sampling location must have an aluminum or lightweight cover to prevent stormwater
- 1337 from getting into the sewer line. A notch can be cut out of the lid to allow sampling tubing for the composite
- 1338 sampler.

1339 **4.2 CONDITIONALLY PROHIBITED DISCHARGES**

1340 Certain discharges may be prohibited in the event the Director determines it necessary to protect the POTW, receiving stream, or that the discharge will endanger lives, health, public property, or constitute a nuisance. The Director may revise the limitations established in this Section if, in their opinion, different limitations are necessary

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1343 to meet the above objectives. **WASTEWATER AS DESCRIBED BELOW SHALL NOT BE DISCHARGED TO THE POTW**
 1344 **WITHOUT THE PRIOR WRITTEN APPROVAL OF THE DIRECTOR.**

1345 A. Grease, Waxes, and Oils:

- 1347 1. Petroleum oil, cutting oils, coolants, or products of mineral oil origin (hydrocarbons)
 1348 (a) Wastewater shall not exceed an average concentration of more than one hundred milli-
 1349 grams per liter (100 mg/L) of such oil or grease.
 1350 (b) Analyses shall be performed in accordance with 40 CFR Part 136 Guidelines Establishing
 1351 Test Procedures for the Analysis of Pollutants.
 1352 2. Oil or Grease of Animal or Vegetable Origin
 1353 (a) Wastewater shall not exceed an average concentration of more than two hundred milli-
 1354 grams per liter (200 mg/L) of such oil or grease.
 1355 (b) Analyses for total oil and grease and for total petroleum oil and grease shall be performed
 1356 in accordance with 40 CFR 136 Guidelines Establishing Test Procedures for the Analysis of
 1357 Pollutants. The difference between the hydrocarbon analysis and the total recoverable
 1358 grease and oil analysis will be considered grease or oil of animal or vegetable origin.
 1359 3. Wastewater containing substances which may solidify or become viscous at a temperature be-
 1360 tween thirty-two and one-hundred fifty degrees Fahrenheit (32°F-to-150°F).
 1361 4. Wastewater or waste containing oil or grease or septage that is hauled to OJRSA facilities. SECTION
 1362 9 and SECTION 10 of this Regulation address provisions as they are applicable to hauled waste.

1363 B. Wastewater containing substances which are not amenable to treatment or reduction by the wastewater
 1364 treatment processes employed.

1365 C. Holding tank waste.

1366 D. Stormwater, surface water, ground water, artesian well water, roof runoff, subsurface drainage, swimming
 1367 pool drainage, condensate, deionized water, noncontact cooling water, and unpolluted water (including
 1368 industrial wastewater), unless specifically authorized by the Director.

1369 **4.3 ESTABLISHING LOCAL LIMITS AND OTHER REQUIREMENTS**

- 1370 A. The Director may impose limitations more stringent than the National Categorical Pretreatment Standards
 1371 or Local Limits in wastewater discharge permits where it is necessary to comply with the objectives of these
 1372 Regulations.
 1373 B. No person shall discharge wastewater in excess of the concentration or mass limit set forth in National
 1374 Categorical Pretreatment Standards, and/or Local Limits as established by the Director, or limitations as
 1375 listed on an individual Discharge Permit. The Director shall establish permit limitations on industrial and
 1376 Commercial Users on a case-by-case basis in accordance with SCDES and EPA regulations. Where appropri-
 1377 ate and allowed by applicable regulations, the Director may impose concentration and/or mass limitations
 1378 on a discharge.
 1379 C. The Director may establish Local Limits pursuant to 40 CFR 403.5(c). If/when established, no person shall
 1380 discharge wastewater containing an excess of these pollutant limits.
 1381 D. The Director may develop Best Management Practices (BMPs), by Policy or include such in individual Dis-
 1382 charge Permits to implement Local Limits and the requirements of SECTION 4.1 of these Regulations.

1383 **4.4 NATIONAL CATEGORICAL PRETREATMENT STANDARDS AND LOCAL LIMITS**

- 1384 A. Users must comply with the National Categorical Pretreatment Standards (NCPS) found at 40 CFR Chapter
 1385 I, Subchapter N, Parts 405-471 and/or SECTION 4.3.
 1386 B. Users must also comply with Local Limits, to include applicable State Pretreatment Standards, as codified
 1387 in S.C. R.61-9 403.

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- 1388 C. Specific pollutant limitation and Compliance Schedules shall be developed by the Director and made a part
1389 of the User's Discharge Permit. New Sources must be in compliance with NCPS or Local Limits at the initia-
1390 tion of a discharge. These specific limits and definitions of duration and maximums shall be on file at the
1391 OJRSA's office and available upon request. Future changes or additions to these limitations shall be devel-
1392 oped, set, and adopted by OJRSA and will be published, and when adopted by OJRSA be automatically in-
1393 corporated into the Pretreatment Program.
- 1394 1. Where a Categorical Pretreatment Standard is expressed only in terms of either the mass or the
1395 concentration of a pollutant in wastewater, the Director may impose equivalent concentration or
1396 mass limits in accordance with this Section.
 - 1397 2. When the limits in a Categorical Pretreatment Standard are expressed only in terms of mass of
1398 pollutant per unit of production, the Director may convert the limits to equivalent limitations ex-
1399 pressed either as mass of pollutant discharged per day or effluent concentration for purposes of
1400 calculating effluent limitations applicable to individual Industrial Users.
 - 1401 3. When wastewater subject to a Categorical Pretreatment Standard is mixed with wastewater not
1402 regulated by the same Standard, the Director may impose an alternate limit in accordance with SC
1403 R61-9 403.6I.
 - 1404 4. When a Categorical Pretreatment Standard is expressed only in terms of pollutant concentrations,
1405 an Industrial User may request that OJRSA convert the limits to equivalent mass limits. The deter-
1406 mination to convert concentration limits to mass limits is within the discretion of the Director.
1407 OJRSA may establish equivalent mass limits only if the Industrial User meets all the conditions set
1408 forth below.
 - 1409 (a) To be eligible for equivalent mass limits, the Industrial User must:
 - 1410 (i) Employ, or demonstrate that it will employ, water conservation methods and tech-
1411 nologies that substantially reduce water use during the term of its individual
1412 wastewater discharge permit;
 - 1413 (ii) Currently use control and treatment technologies adequate to achieve compliance
1414 with the applicable Categorical Pretreatment Standard, and not have used dilution
1415 as a substitute for treatment (SECTION 4.5);
 - 1416 (iii) Provide sufficient information to establish the facility's actual average daily flow
1417 (ADF) rate for all waste streams, based on data from a continuous effluent flow
1418 monitoring device as well as the facility's long-term average production rate. Both
1419 the actual ADF rate and the long-term average production rate must be representa-
1420 tive of current operating conditions;
 - 1421 (iv) Not have daily flow rates, production levels, or pollutant levels that vary so signifi-
1422 cantly that equivalent mass limits are not appropriate to control the discharge; and
 - 1423 (v) Have consistently complied with all applicable Categorical Pretreatment Standards
1424 during the period prior to the Industrial User's request for equivalent mass limits.
 - 1425 (b) An Industrial User subject to equivalent mass limits must:
 - 1426 (i) Maintain and effectively operate control and treatment technologies adequate to
1427 achieve compliance with the equivalent mass limits;
 - 1428 (ii) Continue to record the facility's flow rates through the use of a continuous effluent
1429 flow monitoring device;
 - 1430 (iii) Continue to record the facility's production rates and notify the Director whenever
1431 production rates are expected to vary by more than twenty percent (20%) from its
1432 baseline production rates determined in paragraph 4.4(C)(4)(a)(iii) of this Section.
1433 Upon notification of a revised production rate, the Director will reassess the equiv-
1434 alent mass limit and revise the limit as necessary to reflect changed conditions at
1435 the facility; and

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- 1436 (iv) Continue to employ the same or comparable water conservation methods and
 1437 technologies as those implemented pursuant to paragraph 4.4(C)(4)(a)(i) of this
 1438 Section as long as it discharges under an equivalent mass limit.
 1439 (c) When developing equivalent mass limits, the Director:
 1440 (i) Will calculate the equivalent mass limit by multiplying the actual ADF rate of the
 1441 regulated process(es) of the Industrial User by the concentration-based Daily Max-
 1442 imum and Monthly Average standards for the applicable Categorical Pretreatment
 1443 Standard and the appropriate unit conversion factor;
 1444 (ii) Upon notification of a revised production rate, will reassess the equivalent mass
 1445 limit and recalculate the limit as necessary to reflect changed conditions at the fa-
 1446 cility; and
 1447 (iii) May retain the same equivalent mass limit in subsequent individual wastewater
 1448 discharge permit terms if the Industrial User's actual ADF rate was reduced solely
 1449 as a result of the implementation of water conservation methods and technologies,
 1450 and the actual ADF rates used in the original calculation of the equivalent mass limit
 1451 were not based on the use of dilution as a substitute for treatment pursuant to
 1452 SECTION 4.5. The Industrial User must also be in compliance with these Regulations
 1453 regarding the prohibition of bypass.
 1454 5. The Director may convert the mass limits of the Categorical Pretreatment Standards of 40 CFR Parts
 1455 414, 419, and 455 to concentration limits for purposes of calculating limitations applicable to indi-
 1456 vidual Industrial Users. The conversion is at the discretion of the Director.
 1457 (a) Once included in its permit, the Industrial User must comply with the equivalent limitations
 1458 developed in this Section in lieu of the promulgated Categorical Pretreatment Standards
 1459 from which the equivalent limitations were derived.
 1460 (b) Many Categorical Pretreatment Standards specify one (1) limit for calculating maximum
 1461 daily discharge limitations and a second limit for calculating maximum Monthly Average, or
 1462 four (4) day average, limitations. Where such Standards are being applied, the same pro-
 1463 duction or flow figure shall be used in calculating both the average and the maximum equiv-
 1464 alent limitation.
 1465 (c) Any Industrial User operating under a permit incorporating equivalent mass or concentra-
 1466 tion limits calculated from a production-based Standard shall notify the Director within two
 1467 (2) business days after the User has a reasonable basis to know that the production level
 1468 will significantly change within the next calendar month. Any User not notifying the Direc-
 1469 tor of such anticipated change will be required to meet the mass or concentration limits in
 1470 its permit that were based on the original estimate of the long-term average production
 1471 rate.

4.5 DILUTION PROHIBITION

1472 Except where authorized by applicable Categorical Pretreatment Standards, no User shall deliberately dilute a dis-
 1473 charge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations de-
 1474 veloped by the OJRSA, State, or Federal Regulations.
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4.6 ACCIDENTAL DISCHARGE/SLUG CONTROL PLANS

- 1476 A. OJRSA shall evaluate whether an Industrial User needs to develop and implement an accidental discharge/
 1477 slug control plan or other actions to control slug discharges. Users shall provide protection from accidental
 1478 discharge of prohibited materials or other substances regulated by these Regulations. Facilities to prevent
 1479 accidental discharge of prohibited materials shall be provided and maintained at the expense of the Owner.
 1480 When required, detailed plans showing facilities and operating procedures to provide this protection shall
 1481 be submitted to the OJRSA for review and shall be approved by the OJRSA and SCDES as necessary before
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1483 construction of the facility. Review and approval of such plans and operating procedures shall not relieve
 1484 the responsibility to modify the facility as necessary to meet the requirements of these Regulations.

- 1485 B. The accidental discharge/slug control plan when required shall be submitted to the Director and to SCDES
 1486 containing at a minimum the following:

- 1487 1. Description of discharge practices, including nonroutine batch discharges.
- 1488 2. Description of stored chemicals.
- 1489 3. Procedures for immediately notifying the POTW of any accidental or slug discharge. Such notifica-
 1490 tion must also be given for any discharge which would violate any of the prohibited discharges.
- 1491 4. Procedures to prevent adverse impact from any accidental or slug discharge. Such procedures in-
 1492 clude but are not limited to: inspection and maintenance of storage areas, handling and transfer of
 1493 materials, loading and unloading operations, control of plant site run-off, worker training, building
 1494 of containment structures or equipment, measure for containing toxic organic pollutants (including
 1495 solvents), and/or measures and equipment for emergency response.

1496 **4.7 UPSET PROVISION AS AN AFFIRMATIVE DEFENSE**

- 1497 A. Effect of an Upset – An upset shall constitute an affirmative defense to an action brought for noncompliance
 1498 with Categorical Pretreatment Standards if the requirements of Paragraph 4.7(B) are met.
- 1499 B. Conditions Necessary for Demonstrating Upset – A User who wishes to establish the affirmative defense of
 1500 upset shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evi-
 1501 dence, that:
- 1502 1. An upset occurred and the User can identify the cause(s) of the upset;
 - 1503 2. The facility was at the time being operated in a prudent and worker-like manner and in compliance
 1504 with applicable operation and maintenance procedures; and
 - 1505 3. The User has submitted the following information to the OJRSA Regulatory Services Coordinator or
 1506 Director within twenty-four (24) hours, regardless of day (including nights, weekends, and holidays)
 1507 of becoming aware of the upset [if this information is provided orally, a written submission must
 1508 be provided within five (5) calendar days]:
 - 1509 (a) A description of the indirect discharge and cause of noncompliance;
 - 1510 (b) The period of noncompliance, including exact dates and times or, if not corrected, the an-
 1511 ticipated time the noncompliance is expected to continue; and
 - 1512 (c) Steps being taken and/or planned to reduce, eliminate, and prevent recurrence of the non-
 1513 compliance.
- 1514 C. User Burden of Proof – In any enforcement proceeding, the User seeking to establish the occurrence of an
 1515 upset shall have the burden of proof.
- 1516 D. Judicial Determination
- 1517 1. Users shall have the opportunity for a judicial determination on any claim of upset only in an en-
 1518 forcement action brought for noncompliance with Categorical Pretreatment Standards, as outlined
 1519 in SECTION 8 herein.
 - 1520 2. User Responsibility in Case of Upset – The Industrial User shall control production of all discharges
 1521 to the extent necessary to maintain compliance with Categorical Pretreatment Standards upon re-
 1522 duction, loss, or failure of its treatment facility until the facility is restored or an alternative method
 1523 of treatment is provided. This requirement applies in the situation where, among other things, the
 1524 primary source of power of the treatment facility is reduced, lost, or fails.

1525 **4.8 NOTICE OF PROCESS CHANGE/INTERRUPTION OF OPERATION**

1526 Notice by the User shall be given to the Director in advance or at the earliest possible time when normal operations
 1527 of the industry as identified by the industry in its permit application will be interrupted for forty-eight (48) hours or
 1528 longer, when wastewater will not be discharged, or prior to implementation of a process change which will alter
 1529 characteristics of the wastewater.

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4.9 PRETREATMENT

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- A. Users shall provide wastewater pretreatment as required to comply with these Regulations or Discharge Permit and shall achieve compliance with these Regulations and all Categorical Pretreatment Standards within the specified time limitations. A permit to construct pretreatment facilities shall be obtained from SCDES (see SC R61-67). Detailed plans showing the pretreatment facilities and operating procedures shall be submitted to the Director for review. Submittal of such plans and operating procedures will in no way relieve the User from the responsibility of modifying the facility as necessary to produce an effluent acceptable to the Director under the provisions of these Regulations. Any subsequent changes in the pretreatment facilities or method of operation shall be reported to the Director prior to the initiation of the changes.
 - B. Any facilities required to pretreat wastewater shall be constructed, operated, and maintained at the expense of the User. The pretreatment system tanks and pipes must be labeled to clearly show the process and what is added to the wastewater.
 - C. Additional Pretreatment Measures
 1. Whenever deemed necessary, the Director may require Industrial Users to restrict their discharge during peak flow periods, designate that certain wastewater be discharged only into specific sewers, relocate and/or consolidate points of discharge, separate sewer wastestreams from industrial wastestreams, and such other conditions as may be necessary to protect the POTW and determine the Industrial User's compliance with the requirements of these Regulations.
 2. A Significant Industrial User (SIU) [or Categorical Industrial User (CIU) as all CIUs are SIUs] may be required to install and maintain, on their property and at their expense, a suitable storage and flow control facility to ensure equalization of flow over a period determined by the Director. The facility shall have a reasonable capacity for the daily discharge volume and shall be equipped with alarms and a rate of discharge controller, the regulation of which shall be directed by the Director. A Discharge Permit may be issued solely for flow equalization in order to prevent a heavy flow discharge into the sewer.
 3. FOG Interceptors, Hydromechanical FOG Devices, FOG Traps, Oil/Water Interceptors, or Sand/Oil Interceptors shall be provided when, in the opinion of the Director, they are necessary for the proper handling of wastewater containing excessive amounts of fats, grease, oil, or sand; except that such interceptors shall not be required for Residential Users as defined in these Regulations. All interception units shall be of type and capacity as stated in the *OJRSA Development Policy* and shall be so located to be easily accessible for cleaning and inspection. Such interceptors shall be inspected, cleaned, and repaired regularly, as needed, by the Owner at their expense, as stated in SECTION 9.
 4. Industrial Users with the potential to discharge flammable substances may be required to install and maintain an approved combustible gas detection meter.

4.10 BYPASS AS AN AFFIRMATIVE DEFENSE

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- A. Any User which bypasses treatment facilities as defined in SC R61-9 403.17 shall comply with the requirements of that State regulation and applicable other Federal and State regulations.
 - B. An Industrial User may allow a bypass to occur only when it does not cause National Categorical Pretreatment Standards or requirements to be violated, but only if it also is for essential maintenance to assure efficient operation.
 - C. If an Industrial User knows in advance of the need for a bypass, it shall submit prior notice to the Director, if possible at least ten (10) calendar days before the date of the bypass. An Industrial User shall submit oral notice of an unanticipated bypass that exceeds applicable Pretreatment Standards to the Director within twenty-four (24) hours, regardless of day (including nights, weekends, and holidays), from the time the Industrial User becomes aware of the bypass.
 - D. A written submission shall be provided within five (5) calendar days of the time the Industrial User becomes aware of the bypass. The written submission shall contain a description of the bypass and its cause; the

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1578 duration of the bypass, including exact dates and times, and if the bypass has not been corrected, the an-
 1579 ticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent
 1580 reoccurrence of the bypass. The Director may waive the written report on a case-by-case basis if the oral
 1581 report has been received within twenty-four (24) hours.

- 1582 E. The Director may take enforcement action against an Industrial User for a bypass, except where the User
 1583 establishes an affirmative defense of bypass. For this affirmative defense the User must show the following:
 1584 1. Bypass was unavoidable to prevent loss of life, personal injury, or severe property or environmental
 1585 damage; and
 1586 2. There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities,
 1587 retention of untreated wastewater, or maintenance during normal periods of equipment down-
 1588 time. This condition is not satisfied if adequate backup equipment should have been installed in the
 1589 exercise of reasonable engineering judgment to prevent a bypass which occurred during normal
 1590 periods of equipment downtime or preventative maintenance; and
 1591 3. The Industrial User submitted notices as required in this Section.
 1592 F. The Director may approve an anticipated bypass after considering its adverse effects if the Director deter-
 1593 mines at it will meet the conditions listed in this section.

4.11 RECOVERY OF PREVENTATIVE EXPENSES

1594 When any discharge in the opinion of the Director appears to be in violation of this Regulation to the extent that
 1595 the discharge may cause an interference with, or have an adverse impact upon, the operation of facilities, the OJRSA
 1596 may act to take preventative action. All costs and expenses, losses, and damages, including the reasonable value or
 1597 cost of the use of OJRSA personnel and equipment caused or incurred by the implementation of preventative
 1598 measures shall be charged to and paid by the User and/or Owner.
 1599

4.12 CONTROL OF CONTAMINANTS OF EMERGING CONCERNS

1600 OJRSA has determined that the discharge of Contaminants of Emerging Concern (CEC) by Users may bring risks to
 1601 the POTW, human health and the environment through pass-through and other impacts addressed by this Regula-
 1602 tion. OJRSA shall address CEC in the following manner for the purposes of this Regulation and protection of receiving
 1603 waters/biosolids.
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 1606 A. OJRSA may require Users to provide specified information on the User's purchase, use, manufacture (inten-
 1607 tional or incidental), discharge as a wastewater or other waste constituent, or other information or data on
 1608 specified CEC; and specified information on Users' products and processes that may contribute to the cre-
 1609 ation of discharge of CEC.
 1610 B. OJRSA may require Users to provide specified wastewater discharge information or other data on any CECs
 1611 identified by either OJRSA or by the User consistent with Paragraph A above or otherwise determined by
 1612 OJRSA to be potentially discharged by the User as a wastewater or other waste constituent. Such data shall
 1613 include any existing data in the possession or control of the User and may include requirements for the
 1614 User to sample and generate at its cost such data. OJRSA may also itself sample and generate such data,
 1615 and OJRSA's costs therefore shall be billed to User as a part of User's periodic wastewater bills in accordance
 1616 with this Regulation.
 1617 C. When OJRSA determines it is necessary for the purposes of this Regulation, it may require by Industrial User
 1618 Permit (through either a new permit, reissuance, or amendment), by Administrative Order (SECTION 8.2) or
 1619 otherwise pursuant to the terms of this Regulation actions by a User to address CEC.
 1620 1. Such actions may include:
 1621 (a) Further or routine monitoring requirements;
 1622 (b) Numeric effluent limits adopted as Local Limits or calculated as either generally applicable
 1623 or User-specific technology-based limits; and
 1624 (c) Requirements for BMPs.

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- 1625 2. Any such requirements may be based on:
- 1626 (a) OJRSA's determination of CEC numeric criteria based on available toxicity or other data;
- 1627 (b) EPA or DHEC standards or criteria; or
- 1628 (c) Generally accepted criteria determinations by recognized national scientific entities.

4.13 QUATERNARY AMMONIUM COMPOUNDS

1629 Quaternary Ammonium Compounds (QAC) are commonly used disinfectants in industry. QAC are cationic surfac-

1630 tants that can impact cell walls and membranes after short periods of time and can remain active for relatively long

1631 periods. OJRSA has relatively low hardness water and that will make the QAC more effective and their disinfection

1632 potential is increased. QAC are generally very stable and remain effective for a long time. QACs used in an industrial

1633 facility can be found in the wastewater leaving the facility and discharged to the sewer system and into the OJRSA's

1634 wastewater treatment facility. The QAC that reach the OJRSA POTW can impact the biological organisms that per-

1635 form the wastewater treatment.

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- 1638 A. OJRSA reserves the right to mandate control of QAC from an Industrial User. OJRSA also reserves the right
- 1639 to ban or require the addition of chemicals that deactivate the QAC.
- 1640 B. OJRSA must approve the chemicals used to deactivate the QAC.
- 1641 C. Any facility that causes an upset of the OJRSA's wastewater treatment plant due to the discharge of QACs
- 1642 is subject to the enforcement actions delineated in this Regulation.

4.14 WASTEWATER FROM PRODUCERS OF ALCOHOLIC AND FERMENTED BEVERAGES

1643 The OJRSA has adopted BMPs for producers of Alcoholic Beverages and Fermented Beverages, which are subject to

1644 change as necessary. These facilities may be subject to permitting by OJRSA as Industrial Users, and in such case,

1645 must meet OJRSA pretreatment requirements. All producers of Alcohol Beverages and Fermented Beverages,

1646 whether subject to regulation as an Industrial User or not, shall be subject to the following conditions, at a mini-

1647 mum:

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- 1650 A. The pH of the wastewater from the above listed industries must comply with the criteria listed in SECTION 4
- 1651 at all times of discharge. If equalization or pH adjustment is necessary in order to ensure compliance, then
- 1652 the facility will be required to install and maintain that equipment at their expense.
- 1653 B. Excess solids such as spent yeast, grains, hops, and trub that are capable of settling and restricting or block-
- 1654 ing flow in sewer lines is prohibited from discharge to the wastewater conveyance system.
- 1655 C. Alcoholic and fermented beverage producers must submit an application to the OJRSA prior to facility con-
- 1656 struction or equipment installation.
- 1657 D. The facility will be required to submit Best Management Practices (BMPs) to OJRSA prior to the start of
- 1658 discharge to the sewer system.
- 1659 E. If the facility is required to install pretreatment facilities in order to meet the OJRSA pH limits or solids
- 1660 removal, then they must comply with applicable sections of this Regulation as well as SCDES requirements
- 1661 for a construction permit (SC R61-67).
- 1662 F. Any facility found to be in violation of their BMPs or any section of this Regulation subjects themselves to
- 1663 the enforcement actions set forth in SECTION 8.

4.15 EXCESSIVE INFLOW AND INFILTRATION FROM SYSTEMS AND CONNECTIONS NOT OWNED BY OJRSA

- 1664 A. Publicly- and privately-owned Satellite Sewer Systems and private systems that do not meet the definition
- 1665 of a Satellite Sewer System (collectively referred to in SECTION 4.15 as a "Satellite System") shall be required
- 1666 to meet criteria for the maximum daily flow that is conveyed to the OJRSA system.
- 1667 B. Satellite System basins shall not convey flow to the OJRSA system during any rainfall event that does not
- 1668 qualify as a high recurrence interval storm that consists of greater than two thousand (2,000) gallons per
- 1669

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day per mile per inch diameter of conveyance system within the contributing basin in which the Satellite System is being measured. A high recurrence interval storm shall be classified as the following per NOAA Atlas 14 Point Precipitation Frequency Estimates:

1. Five (5) year recurrence interval or greater
2. Any storm duration as identified in the Precipitation Frequency Estimates table, regardless of length in minutes or days
3. Location of most applicable weather station shall be obtained by entering the latitude / longitude or street address of the flowmeter location into the Point Precipitation Frequency Estimate website: PF Map: Contiguous US (noaa.gov)

- C. Should there be more than one (1) Satellite System connection point to the OJRSA, the maximum daily flow criteria shall be evaluated at each connection point independently of any other connection points, which may necessitate data collection from the Satellite System's infrastructure.
- D. Flow monitoring points shall be established with either a flowmeter installed in an OJRSA manhole or a pump station as near to the connection point as practicable. All effort shall be made to establish a flow monitoring point that minimizes:
 1. Any gravity sewers upstream of the flowmeter that are not within the Satellite System's ownership.
 2. Any Satellite Sewer Systems gravity sewers that are not upstream of the connection point or any other Satellite System flow monitoring points.
- E. The Satellite System shall provide metering data and any required follow up information to OJRSA for review. Upon approval, OJRSA will provide a letter communicating that approval and the effective start date for that analysis.
- F. Should there be an abnormal authorized discharge that may affect the compliance with this standard, the Satellite System shall provide written notice to OJRSA as soon as practicable, either prior to the discharge (if it is an anticipated discharge) but in no case more than thirty (30) days after the discharge.
- G. Compliance – For every day, at each connection point, the Satellite Sewer System is in compliance if Measured Daily Flow is less than or equal to Allowable Daily Flow (Measured Daily Flow \leq Allowable Daily Flow).
- H. Daily flow calculations, and their compliance with the maximum daily flow criteria, shall be calculated as follows:
 1. ADF at each flowmeter location represents an assumed diurnal flow, independent of any I&I influence. (See SECTION 4.15.1 for an example):
 - (a) For a flowmeter with at least twelve (12) months of flow data:
 - (i) Actual daily flows for the last twelve (12) months will be calculated for each month and averaged to produce an average daily flow (ADF) for each month of data. Data shall be reviewed to exclude any days with missing or questionable data that could skew the calculation. For a month to have valid data to be included in the analysis, at least seventy-five (75%) of the days within the month should have complete data. A minimum of nine (9) months of valid data within the previous twelve (12) month period should be used for the analysis; if there is less than nine (9) months of valid data within the last twelve (12) months, then the evaluation period shall extend to prior to the last twelve (12) month period until there is at least nine (9) months of valid data.
 - (ii) The list of nine-to-twelve (9-to-12) months of monthly ADF shall be analyzed and the month with the lowest ADF shall be designated as the ADF to be used in the analysis.
 - (b) For a flowmeter with less than twelve (12) months of data, the above calculation shall be performed with as many months of data as possible. Once there is twelve (12) months of data, the calculation shall be performed as detailed above.
 - (c) ADF shall be recalculated annually.
 - (d) For the ADF calculated in the above steps, the amount should be increased by a factor of five percent (5%) (or else by a different factor if documented by the meter manufacturer

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- 1720 and approved by OJRSA) to allow for potential inaccuracies inherent in metered flow. The
 1721 maximum meter accuracy allowance that may be used is ten percent (10%).
 1722 2. Allowable I&I Flow shall be calculated by the following equation (referenced in the *EPA Quick Guide*
 1723 *for Estimating Inflow and Infiltration*) (See SECTION 4.15.2 for an example):
 1724 $2,000 \text{ gpd} * [(Miles \text{ of } 8\text{-inch diameter pipe} * 8) + (Miles \text{ of } 10\text{-inch diameter pipe} * 10)$
 1725 $+ (Miles \text{ of } 12\text{-inch diameter pipe} * 12) \dots + (Miles \text{ of } X\text{-inch diameter} * X)]$
 1726 *Where "X" represents each additional diameter pipe in the satellite sewer system*
 1727 (a) For pipes of undetermined size, they shall be assumed to be eight inches (8-in.) until oth-
 1728 erwise verified.
 1729 3. For any particular day (See SECTION 4.15.3 for an example):
 1730 $Allowable \text{ Daily Flow} = [Average \text{ Daily Flow (ADF)} * (1 + Meter \text{ Accuracy Percentage})]$
 1731 $+ Allowable \text{ I\&I Flow}$
 1732 I. With OJRSA approval, it shall also be acceptable to determine excessive I&I if a third-party consulting SC
 1733 Licensed Registered Engineer is willing to sign and certify the method used as being a best engineering
 1734 practice.

1735 **4.15.1 Average Daily Flow Calculation Formula and Example**

1736 Consider a system where the daily flows are recorded using a flow meter (with an accuracy of plus/minus five per-
 1737 cent ($\pm 5\%$)) as shown below:

Month	Number of Days Valid Data	% of Days Valid Data	Average Daily Flow (gpd)
December-2021	31	100%	587,597
November-2021	30	97%	556,671
October-2021	31	100%	474,201
September-2021	20	67%	443,275
August-2021	24	77%	505,127
July-2021	31	100%	536,053
June-2021	18	60%	510,282
May-2021	27	87%	515,436
April-2021	30	100%	566,980
March-2021	22	71%	556,671
February-2021	26	93%	824,698
January-2021	21	68%	721,610
December-2020	15	48%	551,517
November-2020	26	84%	530,899
October-2020	31	100%	489,664
September-2020	28	93%	407,194
August-2020	29	94%	489,664
July-2020	29	94%	463,892

1738 In looking at the last twelve (12) months of data, only eight (8) of the twelve (12) months have valid data for seventy-
 1739 five percent (75%) or more of the days. Therefore, data for the highlighted months are thrown out, and November
 1740 2020 data is used to obtain nine (9) most recent months of valid data.
 1741
 1742

1743 Of the nine (9) months of valid data, the month with the lowest ADF is selected (October 2021: 474,201 gpd). This
 1744 amount is then increased by five percent (5%) to account for potential inaccuracy with the meter, resulting in a
 1745 value of 497,911 gpd. This value is designated as the ADF to be used in the analysis.

1746 **4.15.2 Allowable I&I Flow Calculation Formula and Example**

1747 This same system has the following size pipes in their system:

Size (inches)	Length of Sewer (Linear Feet)
---------------	-------------------------------

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4	2,200
6	9,800
8	107,000
10	10,500
12	7,200
15	800
18	1,800

$$\text{Allowable I\&I Flow}^1 = 2,000 \text{ gpd} * [(2,200*4/5,280) + (9,800*6/5,280) + (107,000*8/5,280) + (10,500*10/5,280) + (7,200*12/5,280) + (800*15/5,280) + (1,800*18/5,280)]$$

$$\underline{\text{Allowable I\&I Flow} = 439,167 \text{ gpd}}$$

4.15.3 Allowable Daily Flow Formula and Example

$$\begin{aligned} \text{Allowable Daily Flow} &= [\text{Average Daily Flow (ADF)} \times (1 + \text{Meter Accuracy Percentage})] + \\ &\text{Allowable I\&I Flow} + \text{Allowable I\&I Flow} \\ &= (474,201 \text{ gpd} * 1.05) + 439,167 \text{ gpd} \\ &= 497,911 \text{ gpd} + 439,167 \text{ gpd} \end{aligned}$$

$$\underline{\text{Allowable Daily Flow} = 937,078 \text{ gpd}}$$

Therefore, all daily flows would be measured against this threshold and any individual days (not average daily flow for the month) measuring above 937,078 gpd would be out of compliance, unless the system was under the influence of a high recurrence interval storm (one that meets or exceeds a five (5) year storm event as defined by NOAA) or an abnormal authorized discharge as recognized by the OJRSA.

¹ NOTE: Must convert linear footage of pipe into miles by dividing by 5,280 feet per mile.

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1764 **Section 5 – Revenue System**1765 **5.1 FEES AND CHARGES AS REGULATION**

- 1766 A. The *OJRSA Schedule of Fees* is an enforceable extension of this Regulation.
- 1767 B. Fees shall be assessed to Users for discharges to the POTW and for executing or enforcing the provisions of
- 1768 these Regulations. These charges shall be developed, set, and adopted by the OJRSA Board of Commission-
- 1769 ers and incorporated in the *Schedule of Fees*. The fees are subject to change as needed. Charges may be
- 1770 developed for the following purposes:
- 1771 1. Industrial monitoring, inspections, and surveillance procedures;
 - 1772 2. Reviewing accidental discharge procedures and construction;
 - 1773 3. Reviewing permit applications and plans;
 - 1774 4. Reviewing appeals;
 - 1775 5. Special industrial discharges;
 - 1776 6. Recovering capital related expenditures or retiring bonded indebtedness;
 - 1777 7. Other charges, including User charges based on billable flow and excessive pollutant discharges to
 - 1778 the POTW, necessary to recover the operation and maintenance costs of the wastewater disposal
 - 1779 system. The parameters subject to surcharge by OJRSA are BOD or COD, TSS, Total Phosphorus,
 - 1780 Ammonia Nitrogen and Total Kjeldahl Nitrogen; however, others may be added based on changes
 - 1781 to NPDES Permits and/or OJRSA Board of Commissioners;
 - 1782 8. Availability, impact, and connection fees or similar fees to recover, or to provide for, capital costs
 - 1783 expended for the system and/or its expansion;
 - 1784 9. Excess loading on the wastewater treatment plant from concentrated wastewater being discharged
 - 1785 to the sewer;
 - 1786 10. Construction and Compliance Inspections; and
 - 1787 11. Others deemed necessary by the OJRSA Board of Commissioners.

1788 **5.2 DETERMINATION AND SCHEDULE OF FEES AND CHARGES**1789 Reference current version of *OJRSA Schedule of Fees*.

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1790 **Section 6 – Discharge Permits and Reporting**1791 **6.1 INDUSTRIAL USER DISCHARGE PERMITS**

- 1792 A. Application Requirements – Any person desiring to discharge industrial wastewater shall complete an official application and file it with the OJRSA together with permit approval from any city having jurisdiction.
- 1793 Approval shall be evidenced by written notice from the Director. The person shall provide all data required
- 1794 by the current official application, copies of which shall be obtained from the Director (or his/her designee).
- 1795 The Director shall evaluate the data and may require additional information. After evaluation and ac-
- 1796 ceptance of the data provided, the Director may grant permission to discharge subject to the terms and
- 1797 conditions provided herein. The Director may issue a Discharge Permit with specific limitations different
- 1798 from those listed in these Regulations if it is determined that the discharge will otherwise comply with the
- 1799 remaining provisions in these Regulations. All Significant Industrial Users (SIU) (and CIUs) shall obtain a Dis-
- 1800 charge Permit to discharge to the POTW. Authorized Representative(s) of SIU shall sign the permit applica-
- 1801 tion. SIUs which through changes in the use of the premises or water usage cause a significant change in
- 1802 wastewater volume, strength, or characteristic shall submit a new application prior to making the change
- 1803 or alteration.
- 1804
- 1805 B. Industries that have Federal Categorical processes onsite that have wastewater but the wastewater is not
- 1806 discharged to the sewer are required to submit an application and will be placed under a zero discharge
- 1807 categorical permit.
- 1808 C. Applicable persons and Users shall complete and submit an application, accompanied by any application
- 1809 fee required as stated in the *OJRSA Schedule of Fees*, including all of the following information:
- 1810 1. Name, address, and location (if different from the address) of the facility, name of the operator and
 - 1811 Owner;
 - 1812 2. Applicable SIC number(s), applicable NAICS number(s), and a list of any environmental permits held
 - 1813 by or for the facility;
 - 1814 3. Analytical data on wastewater constituents and characteristics including but not limited to those
 - 1815 mentioned in these Regulations;
 - 1816 4. Time and duration of discharge;
 - 1817 5. Average daily wastewater discharge rates, including daily, monthly, and seasonal variations, if any;
 - 1818 6. Description of activities, facilities, and plant processes on the premises unless subject to the confi-
 - 1819 dentiality provisions of SECTION 6.12;
 - 1820 7. Where known, the nature and concentration of any pollutants in the wastewater which are limited
 - 1821 by any local limitations or National Categorical Pretreatment Standards (NCPS), a Statement re-
 - 1822 garding whether or not the person is complying or will comply with NCPS on a consistent basis, and
 - 1823 if not, whether additional pretreatment or operational modifications are required to comply with
 - 1824 applicable limitations or NCPS, or Local Limitations;
 - 1825 8. If additional pretreatment or operational modifications will be required to comply with limitations
 - 1826 or NCPS or Local Limitations, the shortest schedule by which the person will comply;
 - 1827 9. Where required to develop pretreatment standards, a brief description of each product produced
 - 1828 by type, amount, process or processes, and a rate of production;
 - 1829 10. Where required to develop pretreatment standards, type and amount of raw materials processed
 - 1830 (average and maximum per day);
 - 1831 11. Hours of operation of plant, and proposed or actual hours of operation of pretreatment facilities;
 - 1832 12. Any other information as may be deemed by the Director (or his/her designee) to be necessary to
 - 1833 evaluate the permit application; and

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- 1834 13. Application Signatories and Certification – All wastewater discharge permit applications and Industrial User reports must contain the following Certification Statement and be signed by an Authorized Representative of the Industrial User. These documents and records must be submitted to OJRSA with Wet Signature.

1839 **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 ASSURE 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.**

- 1849 D. The Director or his/her designee shall review the application, may conduct an on-site inspection of the plant and any pretreatment facilities, and shall prepare a written evaluation and tentative determination to issue or deny the Permit. If the tentative determination is to issue the Permit, the Director (or his/her designee) shall draft the permit in accordance with the Regulation and State regulations. The draft industrial wastewater discharge permit will be submitted to SCDES for review and approval. The User shall have thirty (30) calendar days from the receipt of the draft permit to review and comment on the draft Permit. The Director shall issue the final Permit at the end of the comment period.
- 1856 E. Permit Modifications – Within nine (9) months of the promulgation of a NCPS, or adoption of a Local Limitation, the Permit of Users subject to such standards shall be revised to require compliance with such standard within the timeframe prescribed by such standard. Where a User, subject to a NCPS or Local Limitation, has not previously submitted an application for a permit, the User shall apply for a Permit within one-hundred eighty (180) calendar days after the promulgation of the NCPS. In addition, the User with an existing Permit shall submit to the OJRSA, within one-hundred eighty (180) calendar days after the promulgation of an applicable standard, information regarding the nature and concentration of the regulated pollutant and a schedule for providing additional pretreatment, if necessary.
- 1864 F. Other modifications of Permits shall be subject to the same procedural requirements as the issuance of permits except the following changes may be made upon thirty (30) calendar days' notice:
- 1866 1. Modifications of the monitoring program contained in the permit;
 - 1867 2. Changes in the ownership of the discharge when no other change in the permit is indicated;
 - 1868 3. A single modification of any Compliance Schedule not in excess of four (4) months,
 - 1869 4. Modification of Compliance Schedules in permits for New Sources where the New Source will not discharge until process or pretreatment facilities are operational; or
 - 1870 5. Modifications incorporating new or revised Federal, State, or local Pretreatment Standards or regulations, or other modifications determined necessary by the Regulatory Services Coordinator or Director under the Regulations.
- 1874 G. Permit Conditions – The Director shall have the authority to grant a permit with such conditions attached as he/she believes necessary to achieve the purpose of these Regulations, State regulations, and Federal regulations. Such conditions shall include but are not limited to the following:
- 1877 1. A Statement of Duration (in no case more than five (5) years) indicating the permit issuance date, expiration date, and effective date;
 - 1878 2. A Statement of non-transferability;
 - 1879 3. Applicable effluent limits which may include daily maximum and monthly average limits, including Best Management Practices (BMPs), based on NCPS or Local Limitations;

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- 1882 4. Self-monitoring, sampling, reporting, notification, and record-keeping requirements. These re-
 1883 requirements shall include an identification of pollutants (or BMPs) to be monitored, sampling loca-
 1884 tion, sampling frequency, and sample type based on Federal, State, and local law.
 1885 5. The process for seeking a waiver from monitoring for a pollutant neither present, nor expected to
 1886 be present, in accordance with SECTION 6.4;
 1887 6. Requirements to control slug discharges (if determined by the OJRSA to be necessary) and Notifi-
 1888 cation requirements for slug discharges as defined by SC R61-9 Part 403.5(b);
 1889 7. A Statement of applicable civil and criminal penalties for violation of Pretreatment Standards, re-
 1890 quirements and Permit conditions;
 1891 8. Any grant of the monitoring waiver by the OJRSA in accordance with SECTION 6.4 of this Regulation;
 1892 or
 1893 9. A Compliance Schedule that outlines dates and actions for obtaining compliance with final limita-
 1894 tions or other pretreatment requirements.
- 1895 H. Permit Duration – Discharge Permits may be issued for a specified time period, not to exceed five (5) years.
 1896 A permit may be issued for a period less than one (1) year or may be stated to expire on a specific date. The
 1897 User shall apply for permit reissuance a minimum of one-hundred eighty (180) calendar days prior to the
 1898 expiration of the Permit.
- 1899 I. Permit Transfer – Discharge Permits are issued to a specific User for a specific operation. A Permit shall not
 1900 be reassigned, transferred or sold to a new Owner, new User, different premises/parcel, or a new or
 1901 changed operation. In such event a new application shall be submitted with full information. The review of
 1902 this application will be expedited if the new Owner or operator certifies:
 1903 1. That there is no immediate intent to change the facility’s operation and process;
 1904 2. The date the new Owner or operator shall take over; and
 1905 3. Acknowledgement is made that the new Owner or operator has full responsibility for complying
 1906 with the existing wastewater discharge permit.
- 1907 J. When requested by the Control Authority, a User must submit information on the nature and characteristics
 1908 of its wastewater within thirty calendar (30) days of the request, unless otherwise agreed to in writing.

1909 **6.2 BASELINE REPORTING REQUIREMENTS FOR PERMITTEE**

- 1910 A. Within one-hundred eighty (180) calendar days after the effective date of a National Categorical Pretreat-
 1911 ment Standard (NCPS), or one-hundred eighty (180) calendar days after the final administrative decision
 1912 made upon a category determination submission under SC R61-9 403.6, whichever is later, existing SIUs
 1913 subject to such NCPS shall be required to submit to the OJRSA a report which contains the information
 1914 required in SC R61-9 403.12 and applicable Federal regulations. At least ninety (90) calendar days prior to
 1915 commencement of discharge, New Sources and sources that become SIUs, subsequent to the promulgation
 1916 of an applicable NCPS, shall be required to submit to the Regulatory Services Coordinator or Director a
 1917 report which contains the information required in SC R61-9.
- 1918 B. The Director shall require appropriate reporting from those SIUs not subject to NCPS. Reports required by
 1919 SC R61-9 403.12 and these Regulations shall be signed by an Authorized Representative of the SIU.
- 1920 C. Users described within this Section shall submit the information set forth below:
 1921 1. All information required in SECTION 6.1 of this Regulation.
 1922 2. Measurement of Pollutants
 1923 (a) The User shall provide the information required in OJRSA SUR 6.1(C).
 1924 (b) The User shall take a minimum of one (1) representative sample to compile that data nec-
 1925 essary to comply with the requirements of this Paragraph.
 1926 (c) Samples should be taken immediately downstream from pretreatment facilities if such ex-
 1927 ist or immediately downstream from the regulated process if no pretreatment exists. If
 1928 other wastewaters are mixed with the regulated wastewater prior to pretreatment the
 1929 User should measure the flows and concentrations necessary to allow use of the combined

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- 1930 wastestream formula in SC R61-9 403.6(f) to evaluate compliance with the Pretreatment
 1931 Standards. Where an alternate concentration or mass limit has been calculated in accord-
 1932 ance with SC R61-9 403.6(f) this adjusted limit along with supporting data shall be submit-
 1933 ted to the OJRSA.
- 1934 (d) Sampling and analysis shall be performed in accordance with SECTION 7.3.
- 1935 (e) The OJRSA may allow the submission of a baseline report which utilizes only historical data
 1936 so long as the data provides information sufficient to determine the need for industrial
 1937 pretreatment measures.
- 1938 (f) The baseline report shall indicate the time, date, and place of sampling and methods of
 1939 analysis, and shall certify that such sampling and analysis is representative of normal work
 1940 cycles and expected pollutant discharges to the POTW.
- 1941 3. Compliance Certification – A statement, reviewed by the User’s Authorized Representative as de-
 1942 fined in SECTION 2.3 and certified by a qualified professional, indicating whether Pretreatment
 1943 Standards are being met on a consistent basis, and, if not, whether additional operation and
 1944 maintenance (O&M) and/or additional pretreatment is required to meet the Pretreatment Stand-
 1945 ards and pretreatment requirements.
- 1946 4. Compliance Schedule – If additional pretreatment and/or O&M will be required to meet the Pre-
 1947 treatment Standards, the shortest schedule by which the User will provide such additional pretreat-
 1948 ment and/or O&M must be provided. The completion date in this schedule shall not be later than
 1949 the compliance date established for the applicable Pretreatment Standard. A Compliance Schedule
 1950 pursuant to this Section must meet the requirements set out in SECTION 6.5 of these Regulations.
- 1951 5. Signature and Report Certification – All baseline monitoring reports must be certified in accordance
 1952 with SECTION 6.11 of these Regulations and signed by an Authorized Representative as defined in
 1953 SECTION 2.3. Reports and other supporting documents must be submitted to OJRSA with Wet Signa-
 1954 ture.

1955 **6.3 REPORTS ON COMPLIANCE WITH CATEGORICAL PRETREATMENT STANDARD DEADLINE**

1956 Within ninety (90) calendar days following the date for final compliance with applicable Categorical Pretreatment
 1957 Standards, or in the case of a New Source following commencement of the introduction of wastewater into the
 1958 POTW, any User subject to such Pretreatment Standards and pretreatment requirements shall submit to the OJRSA
 1959 a report containing the information described in SECTION 6.1 of this Regulation. For Users subject to equivalent mass
 1960 or concentration limits established in accordance with the procedures in SECTION 4.3, this Regulation shall contain a
 1961 reasonable measure of the User’s long-term production rate. For all other Users subject to Categorical Pretreatment
 1962 Standards expressed in terms of allowable pollutant discharge per unit of production (or other measure of opera-
 1963 tion), this report shall include the User’s actual production during the appropriate sampling period. All compliance
 1964 reports must be signed and certified in accordance with SECTION 6.1. All sampling will be done in conformance with
 1965 SECTION 7.3.

1966 **6.4 PERIODIC COMPLIANCE REPORTS**

- 1967 A. All Users shall notify the Regulatory Services Coordinator immediately of discharges that could cause prob-
 1968 lems, including any slug discharges.
- 1969 B. Discharge Monitoring Reports (DMRs) – Sampling and analysis must be performed by the User and submit-
 1970 ted on the User discharge monitoring report (DMR) form. The DMR must include the following information
 1971 to be considered complete:
- 1972 1. DMR form completed correctly and submitted to OJRSA with a Wet Signature or are in compliance
 1973 with 40 CFR Part 3 Cross Media Electronic Reporting (e.g., CROMERR) (*NOTE: The only exception is*
 1974 *if the EPA and SCDES have approved other methods for DMR submittal and the OJRSA has approved*
 1975 *the acceptance of such DMRs).*

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- 1976 (a) If no monitoring was required for a previous month, then the blank DMR form must be
1977 signed and submitted with the words “No monitoring required”.
- 1978 (b) If a facility does not discharge wastewater to the sewer during a calendar month, then the
1979 signed DMR form must be submitted with the words “No Discharge” written across the
1980 form.
- 1981 2. Submittal of the DMR – The completed DMR is due to the OJRSA by the twelfth (12th) calendar day
1982 of each month. The recognized date of acceptance is:
- 1983 (a) The paper form can be dropped off at OJRSA by the twelfth (12th).
- 1984 (b) The DMR can be mailed to OJRSA but the postmark date must be the twelfth (12th) of the
1985 month. Should the twelfth (12th) of the month fall on a weekend or holiday observed by the
1986 US Postal Service, then the following day the US Postal Service is operating becomes the
1987 submittal date based on the postmark. If the DMR was mailed by the twelfth (12th) but not
1988 received by the OJRSA by the twenty-fourth (24th) day of the month, then it shall be consid-
1989 ered late. It is the responsibility of the User to ensure it is received by the OJRSA in accord-
1990 ance with these Regulations.
- 1991 3. DMR Components
- 1992 (a) Full lab reports from a Qualified Laboratory for the wastewater monitoring that was con-
1993 ducted for the previous month.
- 1994 (b) Flow reporting form with flows shown for every day of the calendar month. If there was no
1995 flow for a day, then a zero (0) must be entered for that day.
- 1996 (c) Daily pH reporting log.
- 1997 (d) Copies of any violation reporting forms that were submitted for the monitoring for the re-
1998 porting month.
- 1999 (e) An explanation for any violations (if necessary).
- 2000 (f) Additional information as set forth in the User’s permit as part of a completed DMR.
- 2001 4. DMRs that do not contain all the information designated above and DMRs that are not filled out
2002 completely will be considered incomplete and subjects the User to the enforcement actions set
2003 forth in SECTION 8 of this Regulation. DMRs are considered incomplete if the:
- 2004 (a) Data is not reported correctly,
- 2005 (b) DMR does not have a Wet Signature and a date (unless using an EPA approved method as
2006 stated in 6.4(B)(1)),
- 2007 (c) Flow sheet does not have all flows reported for each day,
- 2008 (d) Reporting period is not shown on the DMR, or
- 2009 (e) User failed to submit all required data as stated on the Permit.
- 2010 (f) DMRs that are not submitted with all this information by the twelfth (12th) will be consid-
2011 ered incomplete and subject to enforcement.
- 2012 5. **IT IS NOT THE RESPONSIBILITY OF THE OJRSA TO ENSURE THE DMR IS ACCURATE AND COMPLETE.**
2013 If the DMR is submitted prior to the due date, the review by OJRSA staff may not occur by that time,
2014 so the User must submit completed DMRs and not rely on OJRSA to notify the User that the DMR
2015 was not complete before the due date. The User will be notified of the incomplete DMR in the
2016 enforcement letter. Repeated failure to submit a completed and accurate DMR by the date as
2017 stated in 6.4(B)(2) shall result in escalated enforcement as set forth in this Regulation. Should the
2018 User be waiting on laboratory data, then the remaining data must be submitted on the DMR form
2019 by the twelfth (12th) and a revised DMR submitted as soon as the missing data is received. Users
2020 that notify OJRSA of the missing data before the date as stated in 6.4(B)(2) and submit this missing
2021 information as soon as received will not be subject to enforcement actions.
- 2022 6. Reports for “No Discharge” Industrial Users are subject to these conditions and may have specific
2023 reports in their Discharge Permit as necessary.
- 2024 C. If a User subject to these reporting requirements monitors any regulated pollutant at the location(s) desig-
2025 nated in the discharge permit more frequently than required by the Regulatory Services Coordinator or the

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2026 Director, the results of this monitoring shall be included in the report. A Qualified Laboratory must be used
 2027 for all sampling analysis.

2028 D. Any User subject to a National Categorical Pretreatment Standard (NCPS), after the compliance date of such
 2029 NCPS, or in the case of a New Source, after commencement of the discharge into the POTW, shall submit
 2030 to the Regulatory Services Coordinator at the frequency required in the Industrial User Permit, unless re-
 2031 quired more frequently in the NCPS or by the OJRSA, a report indicating the nature and concentration of
 2032 pollutants in the effluent which are limited by such NCPS. In addition, this report shall include a record of
 2033 all measured or estimated average and maximum daily flows during the reporting period. At the discretion
 2034 of the Regulatory Services Coordinator, and in consideration of such factors as local high or low flow rates,
 2035 holidays, budget cycles, etc., the Director may agree to alter the months during which the above reports
 2036 are to be submitted. The OJRSA may impose mass limitations on Users which are using dilution to meet
 2037 applicable NCPS or requirements, or in other cases where the imposition of mass limitations is appropriate.
 2038 In such cases, the required periodic reports shall indicate the mass of pollutants regulated by NCPS in the
 2039 discharge of the User. These reports shall contain the results of sampling and analysis of the discharge,
 2040 including the flow and the nature and concentration, or production and mass where requested by the
 2041 OJRSA, of pollutants contained herein which are limited by the permit or applicable NCPS.

2042 E. The OJRSA may authorize an Industrial User subject to a Categorical Pretreatment Standard to forego sam-
 2043 pling of a pollutant regulated by a Categorical Pretreatment Standard if the Industrial User has demon-
 2044 strated through sampling and other technical factors that the pollutant is neither present nor expected to
 2045 be present in the Discharge or is present only at background levels from intake water and without any
 2046 increase in the pollutant due to activities of the Industrial User [see SC R61-9 403.12I(2)]. This authorization
 2047 is subject to the following conditions:

- 2048 1. The waiver may be authorized where a pollutant is determined to be present solely due to sanitary
 2049 wastewater discharged from the facility provided that the sanitary wastewater is not regulated by
 2050 an applicable Categorical Pretreatment Standard and otherwise includes no process wastewater.
- 2051 2. The monitoring waiver is valid only for the duration of the effective period of the individual Dis-
 2052 charge Permit, but in no case longer than five (5) years. The User must submit a new request for
 2053 the waiver before the waiver can be granted for each subsequent individual Discharge Permit.
- 2054 3. In making a demonstration that a pollutant is not present, the Industrial User must provide data
 2055 from at least one (1) sampling of the facility's process wastewater prior to any treatment present
 2056 at the facility that is representative of all wastewater from all processes.
- 2057 4. The request for a monitoring waiver must be signed in accordance with SECTION 2.3 and include the
 2058 Certification Statement in SECTION 6.1 (SC R61-9 403.6(b)(2)(ii)).
- 2059 5. Non-detectable sample results may be used only as a demonstration that a pollutant is not present
 2060 if the EPA approved method from 40 CFR Part 136 with the lowest minimum detection level for
 2061 that pollutant was used in the analysis.
- 2062 6. Any grant of the monitoring waiver by the Director must be included as a condition in the User's
 2063 Permit. The reasons supporting the waiver and any information submitted by the User in its request
 2064 for the waiver must be maintained by the Director for three (3) years after expiration of the waiver.
- 2065 7. Upon approval of the monitoring waiver and revision of the User's Permit by the Director, the In-
 2066 dustrial User must certify on each report with the Statement in OJRSA SUR 6.1(C)(13), that there
 2067 has been no increase in the pollutant in its wastestream due to activities of the Industrial User.
- 2068 8. In the event that a waived pollutant is found to be present or is expected to be present because of
 2069 changes that occur in the User's operations, the User must immediately: Comply with the monitor-
 2070 ing requirements in SECTION 6, or other more frequent monitoring requirements imposed by the
 2071 Director and notify the Regulatory Services Coordinator.
- 2072 9. This provision does not supersede certification processes and requirements established in Categori-
 2073 cal Pretreatment Standards, except as otherwise specified in the Categorical Pretreatment Stand-
 2074 ard.

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- 2075 10. All periodic compliance reports must be signed and certified in accordance with SECTION 6.1 of this
2076 Regulation.
2077 11. All wastewater samples must be representative of the User's discharge. Wastewater monitoring
2078 and flow measurement facilities shall be properly operated, kept clean, and maintained in good
2079 working order at all times. The failure of a User to keep its monitoring facility in good working order
2080 shall not be grounds for the User to claim that sample results are unrepresentative of its discharge.
2081 12. All monitoring waivers must be approved by SCDES.

2082 **6.5 COMPLIANCE SCHEDULE PROGRESS REPORTS**

2083 The following conditions shall apply to the Compliance Schedule required by SECTION 6.1 of this Regulation:

- 2084 A. The schedule shall contain progress increments in the form of dates for the commencement and completion
2085 of major events leading to the construction and operation of additional pretreatment required for the User
2086 to meet the applicable Pretreatment Standards (such events include, but are not limited to, hiring an engi-
2087 neer, completing preliminary and final plans, executing contracts for major components, commencing and
2088 completing construction, and beginning and conducting routine operation);
2089 B. No increment referred to above shall exceed nine (9) months;
2090 C. The User shall submit a progress report to the Director or his/her designee no later than fourteen (14)
2091 calendar days following each date in the schedule and the final date of compliance including, as a minimum,
2092 whether or not it complied with the increment of progress, the reason for any delay, and, if appropriate,
2093 the steps being taken by the User to return to the established schedule; and
2094 D. In no event shall more than nine (9) months pass between such progress reports to the OJRSA.

2095 **6.6 REPORTS OF CHANGED CONDITIONS**

- 2096 A. Each User must notify Regulatory Services Coordinator of any significant changes to the User's operations
2097 or system which might alter the nature, quality, or volume of its wastewater at least five (5) calendar days
2098 before the change.
2099 B. The Regulatory Services Coordinator may require the User to submit such information as may be deemed
2100 necessary to evaluate the changed condition, including the submission of a wastewater discharge permit
2101 application under SECTION 6.1 of this Regulation.
2102 C. The Regulatory Services Coordinator may issue an individual Discharge Permit or modify an existing Dis-
2103 charge Permit under SECTION 6.1 of this Regulation in response to changed or anticipated changed condi-
2104 tions.

2105 **6.7 REPORTS OF POTENTIAL PROBLEMS**

- 2106 A. In the case of any discharge, including but not limited to, accidental discharges, discharges of a nonroutine,
2107 episodic nature, a noncustomary batch discharge, a slug discharge, or slug load, that might cause potential
2108 problems for the POTW, the User shall immediately notify OJRSA of the incident by phone, regardless of
2109 the time or day the incident occurs. This notification shall include the location of the discharge, type of
2110 waste, concentration and volume, if known, and corrective actions taken by the User.
2111 B. Within five (5) calendar days following such discharge, the User shall, unless waived by the Director, submit
2112 a detailed written report describing the cause(s) of the discharge and the measures to be taken by the User
2113 to prevent similar future occurrences. Such notification shall not relieve the User of any expense, loss, dam-
2114 age, or other liability which might be incurred as a result of damage to the POTW, natural resources, or any
2115 other damage to person or property; nor shall such notification relieve the User of any fines, penalties, or
2116 other liability which may be imposed pursuant to this Regulation.
2117 C. A notice shall be permanently posted on the User's bulletin board or other prominent place advising em-
2118 ployees who to call in the event of a discharge described in Paragraph 6.7(A). Employers shall ensure that

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2119 all employees, who could cause such a discharge to occur, are advised of the emergency notification pro-
2120 cedure.

2121 D. Significant Industrial Users (and CIUs) are required to notify the Regulatory Services Coordinator or Director
2122 immediately of any changes at its facility affecting the potential for a slug discharge.

2123 **6.8 NOTICE OF VIOLATION/REPEAT SAMPLING AND REPORTING**

2124 If sampling performed by a User indicates a limit violation, the User must notify OJRSA within twenty-four (24) hours
2125 of becoming aware of the violation, regardless of the day of the week. The User shall also repeat the sampling and
2126 analysis and submit the results of the repeat analysis to the Regulatory Services Coordinator within thirty (30) cal-
2127 endar days after becoming aware of the violation. Resampling by the Industrial User is not required if the Industrial
2128 User performs sampling of the violated parameter at least once a month, or if OJRSA performs sampling at the User
2129 between the time when the initial sampling was conducted and the time when the User or OJRSA receives the
2130 results of this sampling.

2131 **6.9 NOTIFICATION OF DISCHARGE OF HAZARDOUS WASTE**

2132 A. Industrial Users (IU) shall notify the OJRSA, the EPA Regional Waste Management Division Director, and
2133 State hazardous waste authorities in writing of any discharge of a substance which, if otherwise disposed
2134 of, would be a hazardous waste under 40 CFR part 261. Such notification must include:

- 2135 1. Name of the hazardous waste as set forth in 40 CFR part 261;
- 2136 2. The EPA hazardous waste number; and
- 2137 3. The type of discharge (continuous, batch, or other).

2138 B. If the IU discharges more than one hundred kilograms (100 kg) of such waste per calendar month to the
2139 POTW, the notification shall also contain the following information to the extent such information is known
2140 and readily available to the IU:

- 2141 1. An identification of the hazardous constituents contained in the wastes;
- 2142 2. An estimation of the mass and concentration of such constituents in the wastewater discharged
2143 during that calendar month; and
- 2144 3. An estimation of the mass of constituents in the wastewater expected to be discharged during the
2145 following twelve (12) months.

2146 C. IUs shall provide the notification no later than one hundred eighty (180) calendar days after the discharge
2147 of the listed or characteristic hazardous waste. Notification need be submitted only once for each hazard-
2148 ous waste discharge; however, notifications of changed discharges must be submitted under SC R61-9
2149 403.12(g). The notification requirement does not apply to pollutants already reported under the self-mon-
2150 itoring requirements of SC R61-9 403.12(b), (d)II(e). Users are exempt from the requirements during a cal-
2151 endar month in which they discharge no more than fifteen kilograms (15 kg) of hazardous wastes, unless
2152 the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) aI261.33(e). Discharge of more than
2153 fifteen kilograms (15 kg) of non-acute hazardous wastes in a calendar month, or of any quantity of acute
2154 hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subse-
2155 quent months during which the IU discharges more than such quantities of any hazardous waste do not
2156 require additional notification.

2157 D. In the case of any new regulations under RCRA Section 3001 identifying additional characteristics of haz-
2158 ardous waste or listing any additional substance as a hazardous waste, the IU shall notify the OJRSA, the
2159 EPA Regional Waste Management Division Director, and State hazardous waste authorities of the discharge
2160 of such substance within ninety (90) calendar days of the effective date of such regulations.

2161 E. In the case of any notification, the IU shall certify that it has a program in place to reduce the volume and
2162 toxicity of hazardous wastes generated to the degree it has determined to be economically practical.

2163 **6.10 USER RECORDS**

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- 2164 A. Users subject to the reporting requirements of this Regulation shall retain, and make available for inspection and copying, all records of information obtained pursuant to any monitoring activities required by this Regulation, any additional records of information obtained pursuant to monitoring activities undertaken by the User independent of such requirements, and documentation associated with Best Management Practices established under OJRSA SUR 4.4(D). Records shall include:
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- 2169 1. The date, exact place, method, time of sampling, and the name of the person(s) taking the samples;
- 2170 2. The dates analyses were performed;
- 2171 3. Who performed the analyses;
- 2172 4. The analytical techniques or methods used; and
- 2173 5. The results of such analyses.
- 2174 B. Records shall remain available for a period of at least three (3) years. This period shall be automatically extended for the duration of any litigation concerning the User or OJRSA, or where the User has been specifically notified of a longer retention period by the Director.
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2177 **6.11 CERTIFICATION STATEMENTS**

2178 Certification of Pollutants Not Present – Users that have an approved monitoring waiver based on SECTION 6.4 must certify on each report with the following statement that there has been no increase in the pollutant in its wastewater due to activities of the User. The certification statement, including a Wet Signature, shall be provided by the Authorized Representative and must include the following:

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2183 **BASED ON MY INQUIRY OF THE PERSON OR PERSONS DIRECTLY RESPONSIBLE FOR MANAGING COMPLIANCE WITH THE PRETREATMENT STANDARD FOR 40 CFR _____ [specify applicable National Pretreatment Standard part(s)], I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF: THERE HAS BEEN NO INCREASE IN THE LEVEL OF _____ [list pollutant(s)] IN THE WASTEWATERS DUE TO THE ACTIVITIES AT THE FACILITY SINCE FILING OF THE LAST PERIODIC REPORT UNDER SECTION 6.4 OF THIS REGULATION.**

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2189 **6.12 CONFIDENTIALITY**

2190 **INFORMATION AND DATA ON A USER OBTAINED FROM REPORTS, QUESTIONNAIRES, DISCHARGE APPLICATIONS, MONITORING PROGRAMS, AND FROM INSPECTIONS SHALL BE MADE AVAILABLE TO THE PUBLIC IN COMPLIANCE WITH FOIA LAWS OR TO OTHER GOVERNMENTAL AGENCY WITHOUT RESTRICTION UNLESS THE USER SPECIFICALLY REQUESTS AND IS ABLE TO DEMONSTRATE TO THE SATISFACTION OF THE DIRECTOR, THAT THE RELEASE OF SUCH INFORMATION WOULD DIVULGE INFORMATION, PROCESSES, OR METHODS OF PRODUCTION ENTITLED TO PROTECTION AS TRADE SECRETS OF THE USER. WHEN REQUESTED BY THE PERSON FURNISHING THE REPORT, THE PORTIONS OF A REPORT WHICH THE DIRECTOR HAS DETERMINED MIGHT DISCLOSE TRADE SECRETS OR SECRET PROCESSES SHALL NOT BE MADE AVAILABLE FOR INSPECTION BY THE PUBLIC. IT SHALL, HOWEVER, BE MADE AVAILABLE UPON WRITTEN REQUEST TO GOVERNMENTAL AGENCIES FOR USES RELATED TO THESE REGULATIONS, THE NPDES PERMIT, OR OTHER USES DETERMINED APPROPRIATE BY THE DIRECTOR. THE INFORMATION SHALL BE AVAILABLE FOR USE BY THE STATE IN JUDICIAL REVIEW OR ENFORCEMENT PROCEEDINGS INVOLVING THE PERSON FURNISHING THE INFORMATION. WASTEWATER CONSTITUENTS AND CHARACTERISTICS SHALL NOT BE RECOGNIZED AS CONFIDENTIAL INFORMATION.**

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2203 **6.13 PRETREATMENT LOCAL LIMITS AND ALLOCATION METHODOLOGY**

- 2204 A. Industrial User Discharge Permit Review
- 2205 1. After review of the Industrial Discharge Permit Application and Questionnaire form, SIC, and NAICS, the Director and/or SCDES may require that the User be issued an Industrial User Discharge Permit. The Discharge Permit itself may apply to either total industrial process discharge or to a combined sanitary/industrial wastestream discharge; however, sanitary/industrial combined wastestreams
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- 2209 are discouraged for monitoring purposes. The industrial process discharge may or may not be pre-
 2210 treated.
- 2211 2. During the review process, unique conditions are established for each industrial category. The final
 2212 Discharge Permit specifies the exact conditions which are applicable to the specific permittee
 2213 (User). In the permit process, specific self-monitoring characterization of the wastewater is re-
 2214 quired for certain industrial categories. Every Discharge Permit has established selected pollutants
 2215 for self-monitoring purposes, which are established through Categorical Pretreatment Standards or
 2216 the pollutants that are present and/or are suspected of being present in the wastewater discharge.
 2217 If the User has been determined to be categorical, effluent parameters will be based upon the EPA's
 2218 Categorical Pretreatment Standards found in 40 CFR Parts 405 to 471. **THE EFFLUENT LIMITS WILL
 2219 BE ESTABLISHED TO EITHER CATEGORICAL PRETREATMENT STANDARDS OR LOCAL LIMITS,
 2220 WHICHEVER IS MORE STRINGENT.** Limitations on all pollutants regulated by the Categorical Pre-
 2221 treatment Standards must be included in the Discharge Permit, even though the User may not dis-
 2222 charge all or any of the regulated pollutants.
- 2223 3. Reporting frequency is at the discretion of the Director. Contributing factors are:
 2224 (a) Categorical Requirements,
 2225 (b) Potential of User's discharge to impact the Sewer System, volume of User's discharge, type
 2226 and concentrations of pollutants in the wastestream,
 2227 (c) Past compliance history, and
 2228 (d) Reasonable potential to adversely affect the sewer system.
- 2229 4. Discharge Permit limits will be developed based on the historical data from an industry and the
 2230 Industrial Discharge Permit Application and Questionnaire. Discharge Permit limits will be based on
 2231 need and pollutants of concern for the permitted industry.
- 2232 B. Headworks Loading – The Pretreatment Department performs headworks analysis on OJRSA water recla-
 2233 mation facilities (WRF) as required by the NPDES Permit. The purpose of the headworks analysis is to de-
 2234 velop technically based limits for Significant Industrial Users under the Pretreatment Program. The head-
 2235 works analysis is calculated through a required design loading program utilizing treatment efficiencies, pro-
 2236 cess inhibition levels, and water quality criteria on the receiving stream. The information obtained from the
 2237 headworks loading aids in the development of Industrial User Discharge Permit limits. Sludge disposal is a
 2238 specific criteria on the total allowable loading for the WRF and may significantly alter total allowable load-
 2239 ing. Total allowable loading is at the discretion of the Director.

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2240 **Section 7 – Sampling and Monitoring**

2241 **7.1 RIGHT OF ENTRY AND INSPECTIONS**

- 2242 A. Whenever it shall be necessary for the purposes of this Regulation and upon presentation of proper cre-
 2243 dentials and identification, OJRSA personnel or their Authorized Representatives shall be permitted to enter
 2244 upon any property of Users to determine whether the User is complying with all the requirements of these
 2245 Regulations and any individual Discharge Permit or Administrative Order issued hereunder. Users shall al-
 2246 low OJRSA personnel ready access to all parts of the premises for the purpose of inspecting and copying
 2247 records, facility inspection, observation, measurement, sampling, and/or testing. Any User completing and
 2248 filing an application to discharge wastewater shall thereby grant the OJRSA permission to enter their prem-
 2249 ises for said purposes. Where a User has security measures in force which would require proper identifica-
 2250 tion and clearance before entry into their premises, the User shall make necessary arrangements with their
 2251 security guards so that upon presentation of suitable identification, OJRSA personnel shall be permitted to
 2252 enter, without delay, for the purposes of performing their specific responsibilities.
- 2253 B. The SIU inspection and sampling plan is as follows:
- 2254 1. OJRSA will inspect and sample each SIU at least annually as required by the SC R61-9.403.
 - 2255 2. Should an industry have submitted an Industrial Discharge Permit Application and Questionnaire,
 - 2256 then OJRSA can inspect and sample the facility more often than annually.
 - 2257 3. If a facility has violations of their Discharge Permit or this Regulation, then OJRSA can inspect and
 - 2258 sample the facility more often than annually.
 - 2259 4. If OJRSA experiences an upset of their WRF, then OJRSA can inspect and sample the SIU more often
 - 2260 than annually; especially if the causative agent is known and the SIU has this pollutant in their
 - 2261 wastewater.
 - 2262 5. Should OJRSA receive a complaint about an SIU, then OJRSA can inspect and sample the SIU more
 - 2263 often than annually.
 - 2264 6. If the collection system has blockages or issues and the SIU discharges to that collection system
 - 2265 section, then OJRSA can inspect and sample the SIU more often than annually.
 - 2266 7. Should the facility notify the OJRSA of a production change, then OJRSA can inspect and sample the
 - 2267 facility more often than annually.
 - 2268 8. Should the facility propose to install a pretreatment system and have to obtain a DHEC construction
 - 2269 permit, then OJRSA can inspect the facility upon completion of the installation of the pretreatment
 - 2270 system.
 - 2271 9. OJRSA will have the authority to inspect and sample an SIU more often than annually in the event
 - 2272 of an emergency where the public health or the environment can be impacted.
 - 2273 10. Should OJRSA need to gather site specific information to administer the pretreatment program,
 - 2274 then OJRSA can inspect and sample the SIU more often than annually.
- 2275 C. The Nonresidential User inspection and sampling plan is as follows:
- 2276 1. OJRSA can inspect and sample each User within the first year of the start of discharge.
 - 2277 2. If the User has violations of this regulation, then OJRSA can inspect and sample the facility due to
 - 2278 the violation.
 - 2279 3. If the collection system has blockages or issues and the User discharges to that collection system
 - 2280 section, then OJRSA can inspect and sample the User.
 - 2281 4. OJRSA is required to apply for an NPDES permit usually every five years, OJRSA may inspect and
 - 2282 sample the User as part of their evaluation of their pretreatment program update.
 - 2283 5. If the facility has a FCD to control the FOG discharge to the sewer, then OJRSA may inspect and
 - 2284 sample the User as required by this regulation.

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- 2285 6. IF OJRSA experiences an upset of their WRF, then OJRSA can inspect and sample the use more often
 2286 if the User has the potential to cause the upset.
 2287 7. Should OJRSA receive a complaint about the User, the OJRSA can inspect and sample the User.
 2288 8. OJRSA will have the authority to inspect and sample the User in the event of an emergency where
 2289 the public health or the environment can be impacted.
 2290 9. Should OJRSA need to gather site specific information, the OJRSA may sample and inspect the User.
 2291 D. Denial of Entry – Failure to provide entry or access to information regulated by the OJRSA should be docu-
 2292 mented by the employee and the Director should be notified as soon as possible. The Director will discuss
 2293 the denial of entry with the OJRSA attorney. If necessary, OJRSA will seek a warrant from the court with
 2294 appropriate jurisdiction and will return with law enforcement to conduct the inspection and/or sampling.
 2295 Continued failure to provide entry will result in OJRSA taking enforcement actions against the User as set
 2296 forth in this Regulation.
 2297 E. Confidentiality Agreements – See Section 6.12. **OJRSA PERSONNEL CONDUCTING THE INSPECTION CAN-**
 2298 **NOT SIGN ANY CONFIDENTIALITY AGREEMENTS, WAIVERS OF LIABILITY, OR NON-DISCLOSURE AGREE-**
 2299 **MENTS.** Any records that are reviewed during the inspection and must be kept confidential must be
 2300 stamped with the word “confidential” and OJRSA will adhere to the confidentiality provisions set forth in
 2301 this Regulation, subject to advice of OJRSA legal counsel regarding South Carolina open records laws and
 2302 the applicability of SECTION 6.12 of this Regulation to the specific facts and circumstances at issue.

2303 **7.2 COMPLIANCE DETERMINATION**

- 2304 A. Compliance determinations, with respect to prohibitions and limitations, shall be made on the basis of com-
 2305 posite and discrete samples of wastewater. Composite samples may be taken over a twenty-four (24) hour
 2306 period, or over a different time span, as determined necessary by the OJRSA to meet the needs of specific
 2307 circumstances.
 2308 B. OJRSA personnel or their Authorized Representatives shall have the right to set up on the User’s property,
 2309 or require installation of, such devices as are necessary to conduct sampling and/or metering of the User’s
 2310 operations.
 2311 C. OJRSA may require the User to install monitoring equipment as necessary. The facility’s sampling and mon-
 2312 itoring equipment shall be maintained at all times in a safe and proper operating condition by the User at
 2313 its own expense. All devices used to measure wastewater flow and quality shall be calibrated annually to
 2314 ensure their accuracy. Calibration records must be maintained for a minimum of three (3) years and avail-
 2315 able to OJRSA upon request.
 2316 D. Any temporary or permanent obstruction to safe and easy access to the facility to be inspected and/or
 2317 sampled shall be promptly removed by the User at the written or verbal request of the OJRSA and shall not
 2318 be replaced. The costs of clearing or removing such access shall be borne by the User.
 2319 E. Unreasonable delays in allowing OJRSA personnel access to the User’s premises shall be a violation of this
 2320 Regulation and subject to the enforcement actions set forth in this regulation.

2321 **7.3 ANALYSIS OF INDUSTRIAL WASTEWATERS**

2322 All pollutant analyses, including sampling techniques, to be submitted as part of an Industrial Discharge Permit
 2323 Application and Questionnaire or report shall be performed in accordance with the techniques prescribed in 40 CFR
 2324 Part 136 and amendments thereto, unless otherwise specified in an applicable Categorical Pretreatment Standard.
 2325 If 40 CFR Part 136 does not contain sampling or analytical techniques for the pollutant in question, or where the
 2326 EPA determines that the Part 136 sampling and analytical techniques are inappropriate for the pollutant in question,
 2327 sampling and analyses shall be performed by using validated analytical methods or any other applicable sampling
 2328 and analytical procedures, including procedures suggested by the OJRSA or other parties approved by EPA.

2329 **7.4 SAMPLING FREQUENCY**

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2330 Sampling of industrial wastewater for the purpose of compliance determination with respect to prohibitions and
 2331 limitations shall be done at such intervals as the OJRSA may designate. As a minimum, the OJRSA shall conduct
 2332 compliance sampling or may cause such sampling to be conducted on all Significant Industrial Users and Categori-
 2333 cal Industrial Users once every calendar year. Sampling performed by the SIU must adhere to the conditions set
 2334 forth in the Industrial User Discharge Permit as issued by OJRSA.

2335 **7.5 SAMPLE COLLECTION**

- 2336 A. Samples collected to satisfy reporting requirements must be based on data obtained through appropriate
 2337 sampling and analysis performed during the period covered by the report, based on data that is repre-
 2338 sentative of conditions occurring during the reporting period.
- 2339 B. Except as indicated in this Paragraph and 7.5(C), the User must collect wastewater samples using twenty-
 2340 four (24) hour flow-proportional composite sampling techniques, unless time-proportional composite
 2341 sampling or grab sampling is authorized in writing by OJRSA. Where time-proportional composite sam-
 2342 pling or grab sampling is authorized, the samples must be representative of the discharge.
- 2343 C. Samples for oil and grease, temperature, pH, cyanide, total phenols, sulfides, and volatile organic com-
 2344 pounds must be obtained using grab collection techniques.
- 2345 D. For sampling required in support of baseline monitoring and ninety (90) day compliance reports required
 2346 in SECTIONS 6.2 and 6.3 of these Regulations [R61-9 403.12(b) and (d)], a minimum of four (4) grab samples
 2347 must be used for pH, cyanide, total phenols, oil and grease, sulfide and volatile organic compounds for
 2348 facilities for which historical sampling data do not exist; for facilities for which historical sampling data are
 2349 available, OJRSA may authorize a lower minimum. For the reports required by SECTION 6.4 the Industrial
 2350 User is required to collect the number of grab samples necessary to assess and assure compliance by with
 2351 applicable Pretreatment Standards and requirements.

2352 **7.6 SAMPLING STRUCTURE**

- 2353 A. Any User discharging non-domestic wastewater into the public sewer system for treatment by the OJRSA
 2354 may be required to construct and maintain a sampling structure at a location approved by the OJRSA. The
 2355 purpose of this structure is so that a representative sample of the User's discharge to the sewer system
 2356 may be collected. The sampling structure shall be located so as to be readily accessible to OJRSA person-
 2357 nel and shall be constructed in compliance with OJRSA specifications for these types of structures.
- 2358 B. The sampling structure may normally be located on the User's premises, but OJRSA may allow the struc-
 2359 ture to be located in public right-of-way in certain cases when an onsite location would be impractical.
 2360 Approval for location in a public right-of-way must be obtained by the appropriate governing body.

2361 **7.7 pH EFFLUENT LIMITATIONS UNDER CONTINUOUS MONITORING**

2362 Users shall maintain the pH of wastewater within the range set forth in OJRSA SUR 4.1(B)(4) except excursions
 2363 from the range are permitted subject to the following limitations:

- 2364 A. The total time during which the pH values are outside the required range of pH values shall not exceed
 2365 two (2) hours in any calendar month; and
- 2366 B. No individual excursion from the range of pH values shall exceed fifteen (15) minutes.

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2367 **Section 8 – Enforcement**2368 **8.1 ENFORCEMENT MANAGEMENT STRATEGY**

2369 The Director shall enforce the provisions of this Regulation. Implementation of this regulation shall be completed
 2370 by the Director or his/her designee. The Board of Commissioners is not involved in its implementation or enforce-
 2371 ment.

2372 **8.2 ADMINISTRATIVE ORDERS, REMEDIES, AND PENALTIES**

- 2373 A. Notifications of Violation – Whenever the OJRSA finds that any person has violated or is violating these
 2374 Regulations, a Permit, or any prohibition, limitation, or requirement contained in these Regulations or Per-
 2375 mit, the Director or his/her designee may serve upon such a person an appropriate written notice stating
 2376 the nature of the violation. An oral notice shall be sufficient in emergency circumstances. The OJRSA may
 2377 require a response to the Notice of Violation (NOV). When required in the notice and within fifteen (15)
 2378 calendar days from the date of the notice, an explanation of the violation and a plan for the satisfactory
 2379 correction thereof shall be submitted to the Director or OJRSA individual as stated in the NOV. Submission
 2380 of this plan shall not relieve the person of liability for any violations occurring before or after receipt of the
 2381 notice of violation. The classification of violations under these Regulations and permits are: NOV or a Notice
 2382 of Significant Noncompliance (NOSNC). Refer to SECTION 8 of this Regulation.
- 2383 B. Administrative Orders – Three types of Administrative Orders are set forth for working with a User to come
 2384 into compliance with the discharge permit.
- 2385 1. Consent Order – The Director is empowered to enter into Consent Orders, assuring of voluntary
 2386 compliance, or other similar documents establishing an agreement with the person responsible for
 2387 the violation. Such orders may be negotiated in an Informal Conference. Such agreements shall
 2388 include specific action to be taken by the person to correct the violation within a time period spec-
 2389 ified by the Consent Order and contain other terms and conditions. A violation of a Consent Order
 2390 shall constitute a violation or violations under this Regulation.
 - 2391 2. Compliance Order – When the Director finds that a User has violated, or continues to violate, any
 2392 provision of this Regulation, a Discharge Permit or Administrative Order issued hereunder, or any
 2393 other Pretreatment Standard or requirement, the Director may issue a Compliance Order to the
 2394 User responsible for the discharge directing that the User come into compliance within a specified
 2395 time. If the User does not come into compliance within the time provided, sewer service may be
 2396 discontinued unless adequate treatment facilities, devices, or other related appurtenances are in-
 2397 stalled and properly operated. Compliance Orders also may contain other requirements to address
 2398 the noncompliance, including additional self-monitoring and management practices designed to
 2399 minimize the amount of pollutants discharged to the sewer. A Compliance Order may not extend
 2400 the deadline for compliance established for a Pretreatment Standard or requirement, nor does a
 2401 Compliance Order relieve the User of liability for any violation, including any continuing violation.
 2402 Issuance of a compliance order shall not be a bar against, or a prerequisite for, taking any other
 2403 action against the User.
 - 2404 3. Cease and Desist Order – The Cease and Desist Order is used as a remedy when other enforcement
 2405 actions have failed to bring a User into compliance with their Discharge Permit.
 2406 (a) When the OJRSA finds that a User has violated, or continues to violate, any provision of this
 2407 Regulation, a Discharge Permit or Administrative Order issued hereunder, or any other Pre-
 2408 treatment Standard or requirement, or that the User’s past violations are likely to recur,
 2409 the Director may issue a Cease and Desist Order to the User directing it to cease and desist
 2410 all such violations and directing the User to:
 2411 (i) Immediately comply with all requirements; and

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- 2412 (ii) Take such appropriate remedial or preventive action as may be needed to properly
 2413 address a continuing or threatened violation, including halting operations and/or
 2414 terminating the discharge.
- 2415 (b) Issuance of a Cease and Desist Order shall not be a bar against, or a prerequisite for, taking
 2416 any other action against the User.
- 2417 C. Informal Conference Prior to Hearing Date – OJRSA may schedule an Informal Conference with the User
 2418 and attempt to negotiate an enforceable Compliance Schedule by way of a Consent Order Agreement. The
 2419 Consent Order Agreement may contain such other terms and conditions, including but not limited to, pro-
 2420 visions for additional monitoring, full or partial cessation of discharge, interim limits, installation of pre-
 2421 treatment, and payment of all administrative costs, expenses, attorney’s fees, and civil penalties.
- 2422 D. Notice to Show Cause at Adjudicatory Hearing
- 2423 1. The Director may order any User who causes or is responsible for an unauthorized discharge or
 2424 other violations to show cause at an Adjudicatory Hearing why a proposed enforcement action
 2425 should not be taken. A notice shall be served on the User specifying the time and place for the
 2426 hearing, the proposed enforcement action, the reasons for such action, and a request that the User
 2427 show cause why this proposed enforcement action should not be taken.
- 2428 2. Service – The notice of the hearing to the User shall be served personally, by registered or certified
 2429 mail (return receipt requested), or other trackable means to ensure delivery is made to the User at
 2430 least ten (10) calendar days before the hearing. **SERVICE MAY BE MADE ON ANY AGENT OR OF-
 2431 FICER OF THE USER.**
- 2432 3. Request by User for an Adjudicatory Hearing or for an Informal Conference Prior to Show Cause
 2433 Hearing
- 2434 (a) Requests for an Adjudicatory Hearing must be served on the OJRSA within fifteen (15) cal-
 2435 endar days following mailing of any final administrative action or decision by the OJRSA to
 2436 the User on any violation, application, permit, certificate, or other licensing matter.
- 2437 (b) A request for an Informal Conference prior to the show cause hearing may be made by a
 2438 User but not to delay the hearing date. If the request is granted, an Informal Conference
 2439 may be held by the Director or their designee to explore ways and means to obtain compli-
 2440 ance by consent without the necessity of a formal Adjudicatory Hearing.
- 2441 4. Record – At any hearing held pursuant to these Regulations, testimony shall be taken under oath
 2442 and transcribed by a court reporter. A copy of the transcript shall be made available to any member
 2443 of a party to the hearing upon payment of the usual charges thereof to the court reporter employed
 2444 to provide said transcription.
- 2445 5. Hearing Officer – The Director will appoint a Hearing Officer or officers to preside over the Adjudi-
 2446 catory Hearing. The Hearing Officer shall have no connection with the preparation or presentation
 2447 of the evidence at the hearing.
- 2448 6. Procedure – The procedure for an Adjudicatory Hearing and other enforcement procedures are set
 2449 forth in SECTION 8 of this Regulation.
- 2450 E. Enforcement Orders – When the Hearing Officer finds that a User has violated or is violating the provisions,
 2451 prohibitions, or limitations of these Regulations, or those contained in any Discharge Permit or binding
 2452 agreement issued hereunder, the Officer may issue a Cease and Desist Order, and may direct those persons
 2453 in violation to perform any or all of the following:
- 2454 1. Comply forthwith;
- 2455 2. Comply in accordance with a compliance time schedule set forth in the Administrative Order;
- 2456 3. Take appropriate remedial or preventative action in the event of a continuing or threatened viola-
 2457 tion;
- 2458 4. Prohibit or reduce the discharge;
- 2459 5. Provide wastewater storage or flow equalization;
- 2460 6. Make payment by the User to cover added costs of handling and treatment costs and the adminis-
 2461 trative costs of the enforcement action;

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- 2462 7. Post performance bonds;
- 2463 8. Act to take other steps to achieve compliance;
- 2464 9. Pay fines and penalties to OJRSA;
- 2465 10. Pay reasonable attorney's fees, hearing costs, reporting costs, and other expenses incurred by the
- 2466 OJRSA for the hearing or enforcement procedure.
- 2467 F. Penalties and Costs –The OJRSA may issue administrative and civil penalties and other fees for violations of
- 2468 this Regulation as described in SECTION 8.6. Prior to the imposition of civil penalties, an adjudicatory hearing
- 2469 will be offered to the User.
- 2470 G. Emergency Suspensions – **THE DIRECTOR MAY SUSPEND OR REVOKE A USER'S PERMISSION TO DIS-**
- 2471 **CHARGE WHEN SUCH ACTION IS NECESSARY IN ORDER TO STOP AN ACTUAL OR THREATENED DISCHARGE**
- 2472 **WHICH PRESENTS OR MAY PRESENT AN IMMINENT OR SUBSTANTIAL ENDANGERMENT TO THE HEALTH**
- 2473 **OR WELFARE OF PERSONS OR THE ENVIRONMENT OR CAUSES INTERFERENCE IN CONVEYANCE SYSTEM**
- 2474 **OR TREATMENT PLANT OPERATIONS. ANY USER NOTIFIED OF REVOCATION OF PERMISSION TO DIS-**
- 2475 **CHARGE SHALL IMMEDIATELY STOP OR ELIMINATE ITS DISCHARGE. EMERGENCY SUSPENSIONS MAY OR**
- 2476 **MAY NOT BE ASSOCIATED WITH AN ENFORCEMENT ACTION.** Unless associated with an emergency sus-
- 2477 pension that is not associated with an enforcement action, a hearing shall be held within fifteen (15) calen-
- 2478 dar days of the notice of revocation to determine whether the suspension may be lifted or the User's Permit
- 2479 terminated. The User shall submit a detailed written statement describing the causes of the violations and
- 2480 the measures taken to prevent any future violations to the OJRSA prior to the date of the hearing. **IN THE**
- 2481 **EVENT OF A FAILURE OF THE PERSON TO COMPLY VOLUNTARILY WITH THE ADMINISTRATIVE ORDER, THE**
- 2482 **DIRECTOR SHALL TAKE SUCH STEPS AS DEEMED NECESSARY INCLUDING IMMEDIATE SEVERANCE OF THE**
- 2483 **SEWER CONNECTION.** The Director may reinstate the permission to discharge upon proof of the elimination
- 2484 of the violations or the risk for damage to life, health, property, and/or the environment has subsided.
- 2485 H. Termination or Revocation of Permit – Any User who violates the conditions of these Regulations, or appli-
- 2486 cable State and Federal regulations, is subject to having their permission to discharge revoked. The Director
- 2487 may revoke any Permit for the following reasons:
- 2488 1. Failure to factually report the wastewater constituents and characteristics of their discharge;
- 2489 2. Failure to report significant changes in operations or wastewater constituents and characteristics;
- 2490 3. Refusal of reasonable access to the User's premises for the purpose of inspection and monitoring;
- 2491 4. Failure to meet effluent limits at point of connection with public sewer, which includes any sewer
- 2492 system that connects with OJRSA conveyance and/or treatment facilities;
- 2493 5. Tampering with or deliberately altering monitoring equipment;
- 2494 6. Falsifying DMRs or other reports;
- 2495 7. Changes in the POTW's NPDES permit, receiving stream water quality standards, POTW treatment
- 2496 plant process, sludge disposal practices or requirements, or other modifications of a similar nature
- 2497 that impact the OJRSA's ability to accept industrial or other wastewaters;
- 2498 8. For causes necessitating an emergency suspension;
- 2499 9. Discharge of wastewater prohibited by these Regulations;
- 2500 10. Significant Noncompliance with schedules, Pretreatment Standards or requirements, of any terms
- 2501 of the wastewater discharge permit or these Regulations;
- 2502 11. Non-payment of costs as defined in the Regulations and *OJRSA Schedule of Fees*.
- 2503 I. A User whose permission to discharge has been revoked may apply for new permission to discharge and
- 2504 shall pay all delinquent fees, charges, penalties, and such other sums as may be due to the OJRSA; however,
- 2505 the OJRSA is under no obligation to allow the User to reconnect.

2506 **8.3 JUDICIAL REMEDIES**

2507 Notwithstanding the administration procedure provided herein, when any User discharges wastewater into the

2508 wastewater disposal system contrary to the law of this State or the provisions of these Regulations, or any order or

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2509 Permit issued hereunder, or otherwise violates applicable law or the provisions of these Regulations or any Admin-
 2510 istrative Order or Discharge Permit issued hereunder, the Director may commence an action for appropriate legal
 2511 or equitable relief in the Court of Common Pleas. The remedies provided by this Regulation are not exclusive.

2512 **8.4 INJUNCTIVE RELIEF**

2513 The Director, in the name of the OJRSA, may file in Common Pleas Court, a suit seeking the issuance of an injunction,
 2514 damages, or other appropriate relief to enforce the provisions of these Regulations or other applicable law or reg-
 2515 ulation and the determination of a Hearing Officer. Suit may be brought on behalf of the OJRSA, at the same time
 2516 or separately, to recover any and all damages suffered by the OJRSA as a result of any action or inaction of any User
 2517 or other person who causes or suffers damage to occur to the POTW or for any other expense, loss, or damage of
 2518 any kind or nature suffered by the OJRSA. Such damages shall include, but not limited to, claims for damages, tak-
 2519 ings, losses, expenses, costs, fines, penalties, and attorneys' fees for which the OJRSA may become liable or respon-
 2520 sible and which arise out of or result from the User's noncompliance with its Discharge Permit or the User's violation
 2521 of State or Federal Pollution Control laws, rules, or regulations.

2522 **8.5 CRIMINAL VIOLATIONS**

- 2523 A. Facts or circumstances which tend to indicate a criminal activity by any User may be reported to the proper
 2524 Local, State, and/or Federal law enforcement agencies for investigation and prosecution. Concurrent with
 2525 criminal investigations and/or enforcement by the proper law enforcement agencies, the OJRSA has au-
 2526 thority to take actions to protect life, health, property, and/or the environment using means detailed in
 2527 Paragraph 8.2(G) and other sections of this Regulation.
- 2528 B. Where appropriate, the OJRSA may assess civil penalties and other fees as described in SECTION 8.6 for such
 2529 violations, in addition to any criminal or civil penalties applicable under local, state, or federal law.

2530 **8.6 PENALTIES, FEES, AND COST RECOVERY FOR VIOLATIONS**

- 2531 A. The OJRSA may impose penalties and fees for violations to the Regulation as described in this Section.
- 2532 B. Cost recovery for damages, takings, losses, handling and treatment costs, non-payment of User and/or per-
 2533 mit charges, administrative and other expenses, fines issued against the OJRSA, legal and attorneys' fees
 2534 associated with enforcement action may be taken against the User in violation of Regulations. These costs
 2535 may include others as listed in the *OJRSA Schedule of Fees* and other OJRSA-approved policies at the time
 2536 of the violation.
- 2537 C. Administrative and Civil Penalties:
- 2538 1. A User will be subject to administrative and civil penalties up to two thousand dollars (\$2,000) per
 2539 violation per day (in accordance with SC Code of Laws 6-11-285). This penalty amount will be the
 2540 maximum amount that may be administrated for each violation, per day the violation occurred
 - 2541 2. Each day on which a violation shall occur or continue shall be deemed a separate and distinct of-
 2542 fense. In case of monthly or long-term discharge limits, fines may be assessed for each day during
 2543 the period of violation. The OJRSA shall have such remedies for the collection of such assessments
 2544 as it has for collection of other service charges.
- 2545 D. Payment of Costs -
- 2546 1. All enforcement penalties and other fees assessed as a result of administrative orders or criminal
 2547 violations that are assessed on the User must be payable to OJRSA. Payment must be remitted to
 2548 OJRSA within thirty (30) calendar days of the issuance of the approved Administrative Order or
 2549 criminal penalties. Payments not received by the due date are subject to late fees as stated in the
 2550 *OJRSA Schedule of Fees*.
 - 2551 2. Payment of costs or fines shall not relieve the User from the requirement to pretreat wastewater
 2552 or discharges in excess of the limitations required under its permits or the Regulations of the
 2553 OJRSA.

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2554 E. Failure to Pay – See SECTION 8.8.

2555 **8.7 PERFORMANCE BONDS**

2556 The Director may refuse to reissue a Discharge Permit to any User which has failed to comply with the provisions of
2557 these Regulations or any order or previous Permit issued hereunder unless such User first files with it a satisfactory
2558 bond, payable to the OJRSA, in a sum not to exceed a value determined by the Director to be necessary to meet the
2559 costs of any scheduled improvements and to achieve consistent compliance.

2560 **8.8 DISCONTINUANCE OF SEWER SERVICE FOR NON-PAYMENT**

2561 The Director shall have the right to discontinue sewer service to the property of a User of such service in the event
2562 of non-payment of sewer charges; provided that no discontinuation shall be made until the User shall have been
2563 given notice of their right to be heard in person or by counsel on the question of discontinuation before the OJRSA
2564 or any person designated by the OJRSA after not less than five (5) calendar days written notice specifying the basis
2565 of discontinuation. The OJRSA or its agents shall have the right of entry in and upon the premises and the right of
2566 ingress and egress to determine the location of the service line, or to dig it up, or to uncover it for the purpose of
2567 disconnecting the service line from the property, or sealing, or plugging such line or any collection line, upon the
2568 notice as provided under the OJRSA Regulations.

2569 **8.9 TENANT RESPONSIBILITY**

- 2570 A. In matters where the property was used without a formal or informal arrangement, the Owner of the prop-
2571 erty shall be held responsible. *The burden of proof for providing a binding version of a formal or informal*
2572 *agreement shall be on the Owner prior to the OJRSA taking action against the tenant or User.* Without such
2573 evidence, the OJRSA may hold the Owner responsible for compliance with the Regulations and recovery of
2574 OJRSA costs.
- 2575 B. Where a User of property rents, leases, or otherwise provides use to another without charge or formal
2576 arrangement of the premises to a subsidiary, affiliate, or other entity in which the User has a direct or
2577 indirect interest, the tenant or User or both may be held responsible for compliance with the provisions of
2578 these Regulations and recovery of OJRSA costs.

2579 **8.10 VANDALISM**

2580 No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, tamper with, or pre-
2581 vent access to any structure, appurtenance, or equipment, or other part of the POTW. Any person found in violation
2582 of this requirement or State or Federal laws and regulations governing wastewater critical infrastructure shall be
2583 subject to the sanctions established in SECTION 8 of this Regulation, which could include referral to the law enforce-
2584 ment agency with jurisdiction for potential criminal investigation.

2585 **8.11 PUBLICATION OF INDUSTRIAL USERS IN SIGNIFICANT NONCOMPLIANCE**

2586 The OJRSA shall publish annually, in a newspaper of general circulation (and/or other method(s) approved by EPA
2587 and/or SCDES) that provides meaningful public notice within the jurisdictions served by OJRSA, a list of the Industrial
2588 Users which, during the previous twelve (12) months, were in Significant Noncompliance (SNC) with applicable Pre-
2589 treatment Standards and requirements. This publication will be done during the first quarter of each year for the
2590 previous calendar year.

2591 **8.12 ENFORCEMENT MANAGEMENT STRATEGY**

- 2592 A. Methodology and Ranges of Enforcement Response – The OJRSA Pretreatment Department will consider
2593 the following criteria when determining a proper response to the violation and the context of the User’s
2594 prior violations:

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1. Magnitude of the Violation
 - (a) Unless a violation is Significant Noncompliance (SNC) as defined in the *OJRSA Sewer Use Regulation*, then the OJRSA Pretreatment Department will usually start with the minimum enforcement action; however, for severe violations that threaten the public health, environment, damage public and/or private property, penalties can be more stringent.
 - (b) Once a violation triggers SNC, the Pretreatment Department shall issue an Administrative Order. This order may include a Compliance Schedule requiring the User to comply with regulations by a specific date. The magnitude or severity of the violation is determined by whether the violation meets the definition of SNC. The significance of the violation will influence the type of enforcement action taken by the Pretreatment Department based on this evaluation.
 2. Duration of the Violation
 - (a) Prolonged periods of violation should subject the User to escalating enforcement actions.
 - (b) Enforcement escalation does not depend on the severity of the violation.
 - (c) Violations which result in SNC will be treated more severely due to the guidelines set forth by the State and the Federal government regulations.
 - (d) Extended periods of noncompliance shall not be tolerated and enforcement actions will be taken to prevent this from occurring.
 - (e) Chronic noncompliance will be addressed with escalating enforcement actions up to and including termination of sewer service to stop the noncompliance.
 - (f) Prolonged violations that result in harm to the POTW will be addressed by enforcement actions, which include recovery of the costs to repair any damage.
 3. Effect of the Violation on the Receiving Water
 - (a) Prevention of pass-through of pollutants to the water body is a major component of the development of acceptable limits for the User.
 - (b) Each water body has established limits for pollutants to protect the organisms that live in the receiving waters. Pollutants that do not degrade or breakdown in the POTW will exit the POTW and potentially cause environmental harm.
 - (c) The minimum enforcement action for a violation impacting receiving waters will include an Administrative Order, which is to include a penalty. The penalty will also include any penalties or fines paid by the POTW to a regulatory or response agency (e.g., SCDES, EPA, SCDNR, Oconee County Emergency Management, etc.) and may include damages for the destruction of natural resources, manmade structures, and/or the POTW. Termination of sewer service may be an option if noncompliance continues uncorrected.
 4. Effect of the Violation on the POTW
 - (a) Any User who has a violation that adversely impacts the POTW in any way will be assessed charges for correcting the impact.
 - (b) Adverse impacts include, but are not limited to, the following:
 - (i) Significant increases in treatment costs;
 - (ii) Interference with POTW treatment processes;
 - (iii) Harm to the general public or POTW personnel;
 - (iv) Equipment damage;
 - (v) Negative operational changes;
 - (vi) Damage to the conveyance system piping through pipe corrosion or blockage;
 - (vii) Explosion in conveyance system or POTW; and/or
 - (viii) Sludge contamination resulting in increased disposal cost.
 - (c) Any labor costs or repair costs will be passed onto the User that caused the adverse impact to occur in accordance with SECTION 8.6.
 - (d) Minimum enforcement actions will include an Administrative Order with associated penalties including cost recovery for adverse impacts in accordance with SECTION 8.6.

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- 2645 5. Compliance History of the User
- 2646 (a) The compliance history of a User will be evaluated when assessing the severity of the vio-
- 2647 lation.
- 2648 (b) A User who has a pattern of recurring violations (which may be the same or different pa-
- 2649 rameters or regulatory requirements) can be an indication that the User does not take
- 2650 wastewater issues or environmental protection regulations seriously or their system is in-
- 2651 adequately designed for the specific wastewater conditions.
- 2652 (c) A User that has recurring violations has an increased likelihood of causing future significant
- 2653 violations.
- 2654 (d) A User who has recurring violations may be dealt with more severely to ensure that com-
- 2655 pliance is achieved.
- 2656 (e) A recurring violation history will result in more advanced enforcement actions being as-
- 2657 sessed against a User, up to and including termination of service.
- 2658 6. Good Faith of the User in Reporting, and Responding to, the Violation
- 2659 (a) A User who takes measures to correct the violation and take care of any issues as quickly
- 2660 as possible will have shown good faith efforts.
- 2661 (b) Good faith is demonstrated by cooperation and completion of corrective measures in a
- 2662 timely manner.
- 2663 (c) This effort will be considered when deciding what enforcement actions will be taken; how-
- 2664 ever, good faith does not eliminate the need to take an enforcement action.
- 2665 (d) Good faith is not defined as compliance with previous enforcement actions.
- 2666 (e) Recovery of costs from an upset will take place regardless of good faith actions that may
- 2667 have been taken.
- 2668 B. Timeframes for Responses – The Pretreatment Department will respond to violations in accordance with
- 2669 the following; however, the OJRSA reserves the right to make exceptions to these timeframes.
- 2670 1. All violations shall normally be identified and documented within thirty (30) calendar days of re-
- 2671 ceiving compliance information.
- 2672 2. Initial enforcement responses involving contact with the User and requesting information on cor-
- 2673 rective or preventative action(s) will occur within thirty (30) calendar days of violation detection.
- 2674 3. Follow up actions for continuing or reoccurring violations will be taken within sixty (60) calendar
- 2675 days of the initial enforcement response. For all continuing violations, the response will include a
- 2676 Compliance Schedule.
- 2677 4. Violations which threaten or affect health, property or environmental quality are considered emer-
- 2678 gencies and will receive immediate responses such as halting the discharge or terminating service.
- 2679 5. All violations meeting the criteria for SNC shall normally be addressed with an enforceable Admin-
- 2680 istrative Order within thirty (30) to sixty (60) calendar days of the identification of SNC event.
- 2681 C. Industrial User Response to Noncompliance
- 2682 1. Any instance of noncompliance must be verbally reported within twenty-four (24) hours of becom-
- 2683 ing aware of the violation to the OJRSA. An OJRSA 24-Hour Notification Form must also be submit-
- 2684 ted to report the violation. This form must be submitted to the Regulatory Services Coordinator or
- 2685 Pretreatment Coordinator within twenty-four (24) hours of the violation occurring, regardless of
- 2686 the day on which it occurs (including weekends and holidays).
- 2687 2. The notification shall be followed by a written report, when required by the Regulatory Services or
- 2688 Pretreatment Coordinator, within five (5) business days. The report of noncompliance shall include:
- 2689 (a) A description of the characteristics of the noncompliance;
- 2690 (b) Sampling results;
- 2691 (c) A statement of the cause of noncompliance; and
- 2692 (d) An account of the time and duration of the violation including dates and times; or if not
- 2693 corrected, the anticipated time the noncompliance is expected to continue, and activities
- 2694 being taken to reduce, eliminate, and prevent recurrence of the violation.

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- 2695 3. For noncompliance of permit limitations, repeat sampling for the parameters violated and submit
 2696 the repeat results to the OJRSA Pretreatment Department within thirty (30) calendar days.
 2697 4. Such notification shall not relieve the User of any expense, loss, damage, or other liability which
 2698 may be incurred as a result of damage to the POTW, persons or property, or environmental harm;
 2699 nor shall such notification relieve the User of any fines, civil penalties, or other liability which may
 2700 be imposed by this Regulation or other applicable laws.
- 2701 D. Assignment of Responsibilities
- 2702 1. The Regulatory Services Coordinator or Pretreatment Coordinator for the OJRSA is designated by
 2703 the Director to implement the Pretreatment Program and to enforce compliance with all Permits
 2704 and regulations. It is the responsibility of the Regulatory Services Coordinator or person designated
 2705 by the Regulatory Services Coordinator (hereafter collectively referred to as "Coordinator" in this
 2706 Section) to coordinate the collection of evidence for use in enforcement actions, possible civil liti-
 2707 gation, or criminal investigations. The Coordinator may employ the services of any OJRSA employee
 2708 or consultant in the collection of evidence. Due to the nature of the situation, it is conceivable that
 2709 an illegal activity could be observed, sampled, or documented by any OJRSA employee, either
 2710 through purposeful investigation or in the normal course of duties performed.
- 2711 2. In the case of spills, slugs, bypasses, or other discharges of a short or non-continuous nature, which-
 2712 ever OJRSA employee or consultant is in position to do so may be used to collect evidence of the
 2713 violation. The Coordinator may employ the services of outside laboratories or consultants in the
 2714 collection of evidence. OJRSA personnel, outside laboratories, or consultants may be called upon
 2715 to collect wastewater samples for analysis, perform laboratory analyses, prepare visual evidence,
 2716 compile and copy records, provide statements, or in any way assist the Coordinator and the OJRSA's
 2717 attorney(s) in preparing and executing enforcement actions.
- 2718 E. Enforcement Response Guide
- 2719 1. The Enforcement Response Guide (ERG) is a matrix that establishes consideration for action based
 2720 on the whether the noncompliance involves:
- 2721 (a) Sampling, Monitoring, and Reporting (SECTION 8.12.1);
 2722 (b) Compliance Schedules (Construction Phases or Planning) (8.12.2);
 2723 (c) Effluent Limits (8.12.3);
 2724 (d) Noncompliance Detected Through Inspections, Site Visits, Review of Records, or Field In-
 2725 vestigations (8.12.4);
 2726 (e) Excessive Inflow and Infiltration from Satellite Sewer Systems and Others 8.12.5;
 2727 (f) Fats, Oils, and Grease (FOG) (not associated with Industrial Discharge Permit) (8.12.6);
 2728 and/or
 2729 (g) Other Regulatory Violations (8.12.8).
- 2730 2. The matrices for each are listed in the tables within this Section and suggest a range of appropriate
 2731 enforcement responses to various types of noncompliance and appropriate OJRSA personnel to
 2732 implement those responses. **THE SUGGESTED RESPONSES AND PERSONNEL ARE GUIDELINES AND**
 2733 **DO NOT LIMIT THE OJRSA IN ITS RESPONSE TO ANY GIVEN INSTANCE OF NONCOMPLIANCE.**
- 2734 3. The Director may delegate his/her role and authority in any enforcement action as deemed appro-
 2735 priate. (SECTION 8.1)
- 2736 4. This ERG has been prepared to allow OJRSA to comply with State and Federal regulations, its NPDES
 2737 Permit, and other locally established regulations.
- 2738 5. The terms and types of enforcement actions used in the ERG are defined in the Regulation.
- 2739 6. The OJRSA Pretreatment Department may use initial enforcement actions such as an Informal Con-
 2740 ference or Notice of Violation when the violation does not meet the criteria of Significant Noncom-
 2741 pliance (SNC) or when the User is cooperative in quickly resolving the problems.
- 2742 7. Any User, regardless of whether or not they are in SNC which fails to promptly correct any problems
 2743 will incur more severe enforcement actions, up to and including termination of sewer service.

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8. Enforcement actions will escalate when a User fails to return to compliance following the initial enforcement actions or recurring noncompliance is noted. The OJRSA may issue a Compliance Schedule for which the User is to follow.
9. The enforcement actions chosen for a particular violation or group of violations will be appropriate and representative of the magnitude and nature of the violation. *Enforcement actions for ongoing violations shall be progressive and more severe as the violations continue.* When violations are initially found, an enforcement action will be taken at that time. At the end of each calendar quarter, each user will be evaluated for SNC. If a user is found to be in SNC for the violation(s), then additional enforcement actions will be taken as delineated in this ERG. The enforcement actions taken will be adequate to promote a timely solution to the violations.
10. Enforcement actions taken against each User shall be considered individually and are not necessarily based on penalties, actions, and/or fines issued to other Users who were in violation.

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8.12.1 Sampling, Monitoring, and Reporting Violations ERG

Violation	Circumstances	Range of Response	Personnel
Failure to sample, monitor, report, and/or notify	Isolated or infrequent failure to monitor, sample, or report all parameters in permit.	NOV with response required within ten (10) business days.	RSC, PC
	Industrial User does not respond to NOV and/or AO.	AO; civil action and penalties (SECTION 8.6); Adjudicatory Hearing including penalty (SECTION 8.6).	RSC, PC, Dir
	Recurring violations or SNC.	NOSNC; AO; Adjudicatory Hearing including penalty (SECTION 8.6); cost recovery (SECTION 8.6); civil action; terminate water and/or sewer.	RSC, PC, Dir
	No response received.	Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	Dir
	Report is improperly signed or certified, or is otherwise incomplete, first offense.	NOV.	RSC, PC
	Report is improperly signed or certified, or is otherwise incomplete, after notice by POTW.	AO; Adjudicatory Hearing; civil action and penalties (SECTION 8.6).	RSC, PC
	Isolated not significant violation; Report less than forty-five (45) calendar days late.	NOV.	RSC, PC
	Significant - Report forty-five (45) calendar days or more late - SNC.	NOSNC; AO to submit with penalty per additional day; cost recovery and civil action and penalties (SECTION 8.6).	RSC, PC
	Reports are always late or no report at all.	AO and/or penalty; Adjudicatory Hearing; cost recovery and civil action and penalties (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Failure to report slug, spill, or changed discharge - No harm to POTW and/or environment.	NOV; AO; cost recovery and civil action and penalties (SECTION 8.6).	RSC, PC, Dir

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	Failure to report slug, spill, or changed discharge - Results in harm to POTW and/or environment - SNC.	NOSNC; AO and/or penalty, cost recovery and civil action and penalties (SECTION 8.6); Adjudicatory Hearing; terminate water and/or sewer.	RSC, PC, Dir
	Repeated failure to report slugs, spills, or changed discharge.	NOV; AO; civil action / cost recovery; Adjudicatory Hearing; terminate water and/or sewer.	RSC, PC, Dir
Improper sampling	Unintentional sampling at incorrect location.	NOV.	RSC, PC
	Unintentional use of incorrect sample collection techniques.	NOV.	RSC, PC
	Unintentional use of incorrect sample type.	NOV.	RSC, PC
Failure to notify of effluent limit violation, slug discharge, or bypass	Isolated or infrequent - No known effects.	NOV - Response required within ten (10) business days; AO.	RSC, PC
	No response received.	NOV; AO; Adjudicatory Hearing and/or penalty (SECTION 8.6); cost recovery (SECTION 8.6); civil action.	RSC, PC
	Frequent or continued violation.	NOV; AO; Adjudicatory Hearing and/or penalty (SECTION 8.6); cost recovery (SECTION 8.6).	RSC, PC, Dir
	Known environmental or POTW damage - SNC.	NOSNC; AO; Adjudicatory Hearing; sewer ban; cost recovery and civil action and penalties (SECTION 8.6); criminal investigation.	RSC, PC, Dir
Minor sampling, monitoring, or reporting deficiencies (computational or typographical errors)	Isolated or infrequent.	NOV; request corrected form.	RSC, PC
	Recurring deficiencies.	AO and/or penalty (SECTION 8.6).	RSC, PC, Dir
Major or gross sampling, monitoring, or reporting deficiencies (missing information)	Isolated or infrequent.	NOV and/or AO; request corrected form.	RSC, PC
	Continued violations- Remains uncorrected forty-five (45) calendar days or more - SNC.	NOSNC; AO; Adjudicatory Hearing; penalty.	RSC, PC, Dir
	Failure to monitor all pollutants as required by permit.	NOV and/or AO.	RSC, PC
	Recurring failure to monitor, recurring missing information.	NOV; AO and/or penalty (SECTION 8.6); criminal investigation.	RSC, PC, Dir
	Improper sampling, no evidence of intent.	NOV; AO.	RSC, PC
	Improper sampling - Evidence of negligence or intent.	AO; cost recovery and civil action and penalties (SECTION 8.6); Adju-	RSC, Dir

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		dicatory Hearing; criminal investigation; terminate water and/or sewer.	
Reporting false information	Reporting false information - Any instance - SNC.	NOSNC; AO; Adjudicatory Hearing; cost recovery and civil action and penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	Dir

2757

8.12.2 Compliance Schedules ERG (Construction Phases or Planning)

Violation	Circumstances	Range of Response	Personnel
Missed interim date	Will not cause late final date or other interim dates (less than ninety (90) calendar days).	NOV.	RSC, PC
	Missed milestone by ninety (90) calendar days or less, negatively affects final date, good cause for delay.	NOV; AO; cost recovery and civil action and penalties (SECTION 8.6).	RSC, PC, Dir
	Missed milestone by ninety (90) calendar days or less, negatively affects final date, no good cause or delay.	NOV; AO; cost recovery and civil action and penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation.	RSC PC, Dir
	Missed milestone by more than ninety (90) calendar days whether or not affects final date, good cause for delay - SNC.	NOSNC; AO; cost recovery and civil action and penalties (SECTION 8.6); judicial action.	RSC, PC, Dir
	Missed milestone by more than forty-five (45) calendar days, will result in other missed interim dates or missed final date (no good or valid cause - SNC).	NOSNC; AO; Adjudicatory Hearing; cost recovery and civil action and penalties (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Recurring violation or violation of schedule in AO.	NOV; AO; cost recovery and civil action and penalties (SECTION 8.6); judicial action; request criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Missed final date	Violation due to force majeure	Require documentation of good or valid cause; Adjudicatory Hearing.	RSC, PC, Dir
	Ninety (90) calendar days or more outstanding - Failure or refusal to comply - Without good or valid cause - SNC.	AO; Adjudicatory Hearing; cost recovery and civil action and penalties (SECTION 8.6).	RSC, PC, Dir
Failure to install monitoring equipment	Delay of less than forty-five (45) calendar days.	NOV; AO.	RSC, PC
	Delay of forty-five (45) calendar days or more - SNC.	NOSNC; AO to begin monitoring (using outside contracts, if necessary) and install equipment within minimal time. Cost recovery and civil penalties for each additional	RSC, PC, Dir

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		day (SECTION 8.6). Temporary sewer ban.	
	Recurring failure to install monitoring equipment or violation of AO.	AO; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	Dir

2758

8.12.3 Effluent Limit Violations ERG

Violation	Circumstances	Range of Response	Personnel
Exceeding final limits or permit limits (categorical, local, or prohibited)	Infrequent or isolated - Not significant; no damage to POTW and/or environment.	NOV.	RSC, PC
	Infrequent or isolated major violations; no damage to POTW and/or environment.	NOV; AO.	RSC, PC
	Infrequent or isolated major violations; damage to POTW and/or environment - SNC.	NOSNC; AO cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing.	RSC, PC, Dir
	Violations that are recurring and/or SNC (meet chronic definition); no damage to POTW and/or environment.	If violation has already been corrected - NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation.	RSC, PC
	Recurring violations that are SNC; harm to POTW and/or environment.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Exceeding interim limits (categorical or local)	Without known damages.	NOV and/or AO; cost recovery (SECTION 8.6).	RSC, PC
	Results in known environmental or POTW damage - SNC.	NOSNC; AO; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
Reported slug load / accidental discharge	Isolated without known damage.	AO to develop slug plan; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Isolated with known interference, pass-through, or damage - SNC.	NOSNC; AO; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Recurring - SNC.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; terminate water and/or sewer.	RSC, PC, Dir
Discharge of untreated wastewater - spill, bypass, or improper operation of pretreatment facility	Isolated; no harm to POTW and/or environment.	NOV.	RSC, PC
	Isolated with harm to POTW and/or environment - SNC.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation.	RSC, PC, Dir

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	Recurring; no harm to POTW and/or environment.	AO to correct problems; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation.	RSC, PC, Dir
	Recurring; harm to POTW and/or environment - SNC.	AO to correct problems; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Discharge without a permit or approval	One time without known environmental or POTW damage; User unaware of requirement.	NOV; include application for permit and timeframe for submission of the completed application.	RSC, PC
	Continuing violation without known environmental or POTW damage; User fails to apply for permit after notice - SNC.	AO; Adjudicatory Hearing including penalty; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
	One time that results in environmental and/or POTW damage; User unaware of requirement - SNC.	AO to include application for discharge; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Continuing violation with known environmental or POTW damage - SNC.	Adjudicatory Hearing, cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	RSC, Dir
	First (1 st) offense - User aware of requirement.	AO to include application for discharge; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Failure to submit required documentation for permitting or renewal.	AO; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Nonpermitted discharge (failure to renew permit)	Industrial User has not submitted questionnaire within ten (10) calendar days of due date.	NOV - Response required within ten (10) business days.	RSC, PC

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8.12.4 Noncompliance Detected Through Inspections, Site Visits, Review of Records, or Field Investigations ERG

Violation	Circumstances	Range of Response	Personnel
Violation of analytical procedures	Minor noncompliance with approved analytical procedure, Any instance - No evidence of intent.	NOV and/or AO.	RSC, PC
	Major noncompliance with approved analytical procedure, no evidence of negligence or intent.	NOV; AO; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir

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	Major noncompliance with approved analytical procedure, Evidence of negligence or intent - SNC.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Violation of Discharge Permit condition	No evidence of negligence or intent.	NOV - Immediate correction required.	RSC, PC
	Evidence of negligence or intent - SNC.	Adjudicatory Hearing; criminal investigation; sewer ban.	RSC, PC, Dir
Entry denial or consent withdrawn; copies of records denied; permission to photograph, videotape or electronically record image denied	Entry denied or consent withdrawn; Copies of records denied; electronic recordings denied.	Return to User (obtain a warrant if necessary); NOV; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Illegal discharge	No harm to POTW and/or environment.	NOV; AO; cost recovery and civil penalties (SECTION 8.6); criminal investigation.	RSC, PC, Dir
	Discharge causes harm to POTW and/or environment and/or evidence of intent / negligence - SNC.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
	Recurring violation.	NOV; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir

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8.12.5 Excessive Inflow and Infiltration from Satellite Sewer Systems and Other Users ERG

Violation	Circumstances	Range of Response	Personnel
Excessive inflow and infiltration from systems and connections not owned by OJRSA (for each location identified by OJRSA through means and methods detailed in SECTION 4.15)	Initial violation.	NOV.	Eng, Dir, Atty
	Second (2 nd) violation.	AO; Adjudicatory Hearing.	Eng, Dir, Atty
	Third (3 rd) violation.	AO; Adjudicatory Hearing; civil action; requirement for CMOM for entire Satellite Sewer System or privately-owned User's sewer system.	Eng, Dir, Atty
	Fourth (4 th) and subsequent violations.	AO; Adjudicatory Hearing; civil penalties (SECTION 8.6).	Eng, Dir, Atty

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8.12.6 Fats, Oils, and Grease (FOG) Violations (Not Associated with an Industrial Discharge Permit)

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ERG

Violation	Circumstances	Range of Response	Personnel
Failure to install FOG Control Device (FCD)	First (1 st) violation.	Noncompliance notification detailing violation; NOV; cost recovery	RSC, PC, FOG Insp, Dir

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		for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	
	Second (2 nd) violation.	NOV; penalty up to two-hundred dollars (\$200); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Third (3 rd) violation.	SNC; AO to install FCD; may be subject to daily penalties of four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Fourth (4 th) violation.	Terminate water and/or sewer.	RSC, PC, Dir
	No response to notifications.	Terminate water and/or sewer.	RSC, PC, Dir
	Continuing to discharge after termination of water and/or sewer.	Direct legal action; cost recovery (SECTION 8.6).	RSC, PC, Dir, Atty
FCD not maintained as required	One (1) incident within a rolling twenty-four (24) month period.	Noncompliance notification detailing violation; NOV; cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Two (2) incidents within a rolling twenty-four (24) month period.	NOV; penalty up to one-hundred dollars (\$100); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Three (3) incidents within a rolling twenty-four (24) month period.	NOV; penalty up to two-hundred dollars (\$200); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Four (4) or more incidents within a rolling twenty-four (24) month period.	SNC; AO to install FCD; may be subject to daily penalties of four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Failure to address FCD maintenance issues within timeframes set forth by OJRSA.	Terminate water and/or sewer; civil penalties and cost recovery (SECTION 8.6)	RSC, PC, Dir
	Continuing to discharge after termination of water and/or sewer.	Direct legal action; civil penalties and cost recovery (SECTION 8.6)	RSC, PC, Dir, Atty

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Structure failure of FCD	First (1 st) violation.	Noncompliance notification detailing violation; NOV; cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Second (2 nd) violation.	NOV; penalty up to one-hundred dollars (\$200); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Third (3 rd) violation.	SNC; AO to repair structural failures or install new FCD; may be subject to daily penalties of four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Fourth (4 th) violation.	Terminate water and/or sewer; civil penalties and cost recovery (SECTION 8.6)	RSC, PC, Dir
	Failure to address FCD structure failure within timeframes set forth by OJRSA.	Terminate water and/or sewer; civil penalties and cost recovery (SECTION 8.6)	RSC, PC, Dir
	Continuing to discharge after termination of water and/or sewer.	Direct legal action; civil penalties and cost recovery (SECTION 8.6)	RSC, PC, Dir, Atty
Failure to maintain records	One (1) incident within a rolling twenty-four (24) month period.	Noncompliance notification detailing violation; NOV; cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Two (2) incidents within a rolling twenty-four (24) month period.	NOV; penalty up to one-hundred dollars (\$100); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Three (3) incidents within a rolling twenty-four (24) month period.	NOV; penalty up to two-hundred dollars (\$200); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Four (4) or more incidents within a rolling twenty-four (24) month period.	SNC; AO to install FCD; may be subject to daily penalties of four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir

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	Failure to properly maintain records after previous enforcement actions.	Terminate water and/or sewer; civil penalties (SECTION 8.6)	RSC, PC, Dir
	Continuing to discharge after termination of water and/or sewer.	Direct legal action; civil penalties (SECTION 8.6)	RSC, PC, Dir, Atty
Failure to allow access	One (1) incident within a rolling twenty-four (24) month period.	Noncompliance notification detailing violation; NOV; penalty up to one-hundred dollars (\$100); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, FOG Insp, Dir
	Two (2) incidents within a rolling twenty-four (24) month period.	SNC; AO to install FCD; may be subject to daily penalties of four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Three (3) incidents within a rolling twenty-four (24) month period.	Terminate water and/or sewer; civil penalties (SECTION 8.6)	RSC, PC, Dir
	Continuing to discharge after termination of water and/or sewer.	Direct legal action; civil penalties (SECTION 8.6)	RSC, PC, Dir, Atty
Use of prohibited FOG Control Additives	First (1 st) violation.	SNC; AO to install FCD; may be subject to daily penalties of four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6); terminate water and/or sewer.	RSC, PC, Dir
	Second (2 nd) violation.	Terminate water and/or sewer; civil penalties (SECTION 8.6)	RSC, PC, Dir
	Continuing to discharge after termination of water and/or sewer.	Direct legal action; civil penalties (SECTION 8.6)	RSC, PC, Dir, Atty
FOG waste hauler / plumber fails to properly clean and maintain FCD	One (1) incident within a rolling twenty-four (24) month period.	Noncompliance notification detailing violation; NOV; penalty up to one-hundred dollars (\$100); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6).	RSC, PC, FOG Insp, Dir
	Two (2) incidents within a rolling twenty-four (24) month period.	NOV; penalty up to four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6).	RSC, PC, Dir
	Three (3) incidents within a rolling twenty-four (24) month period.	Suspend FOG Waste Hauler / Plumber Certification until he/she attends new certification class;	RSC, PC, Dir

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		cost recovery and civil penalties (SECTION 8.6);	
	Four (4) or more incidents within a rolling twenty-four (24) month period.	Permanently suspend FOG Waste Hauler / Plumber Certification; cost recovery and civil penalties (SECTION 8.6);	RSC, PC, Dir
FOG waste hauler / plumber fails to submit records to OJRSA in timely manner	One (1) incident within a rolling twenty-four (24) month period.	Noncompliance notification detailing violation; NOV; penalty up to one-hundred dollars (\$100); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6).	RSC, PC, FOG Insp, Dir
	Two (2) incidents within a rolling twenty-four (24) month period.	NOV; penalty up to four-hundred dollars (\$400); cost recovery for expenses incurred due to illegal discharge (SECTION 8.6).	RSC, PC, Dir
	Three (3) incidents within a rolling twenty-four (24) month period.	Suspend FOG Waste Hauler / Plumber Certification until he/she attends new certification class; cost recovery and civil penalties (SECTION 8.6);	RSC, PC, Dir
	Four (4) or more incidents within a rolling twenty-four (24) month period.	Permanently suspend FOG Waste Hauler / Plumber Certification; cost recovery and civil penalties (SECTION 8.6);	RSC, PC, Dir
FOG waste hauler / plumber discharges wastewater, FOG, or other prohibited materials back into the FCD	First (1 st) violation.	Permanently suspend FOG Waste Hauler / Plumber Certification; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate User's water and/or sewer.	RSC, PC, Dir
FOG waste hauler / plumber decants wastewater back into the FCD or sewer system	First (1 st) violation.	Permanently suspend FOG Waste Hauler / Plumber Certification; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate User's water and/or sewer.	RSC, PC, Dir

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8.12.7 Hauled Waste Acceptance Violations ERG

Violation	Circumstances	Range of Response	Personnel
Abuse of conditions established in Sections 10.1 and 10.2	First (1 st) violation.	Noncompliance notification letter sent to Hauled Waste Transporter company Owner ¹ detailing violation; cost recovery for expenses incurred due to illegal disposal (SECTION 8.6).	RSC, PC
	Second (2 nd) violation.	Suspension of violator's Waste Hauler License for two (2) months	RSC, PC, Dir

¹ As stated on Waste Hauler License.

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		or after all outstanding fees have been received by OJRSA, whichever is later; cost recovery for expenses incurred due to illegal disposal (SECTION 8.6).	
	Third (3 rd) violation.	Permanent suspension of violator's Waste Hauler License and notification to SCDES of Hauled Waste Transporter's status. The company and person, regardless of whether he works for the same company or another Hauled Waste Transporter, will no longer be able to dispose of product at OJRSA facilities.	RSC, PC, Dir

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8.12.8 Other Regulatory Violations ERG

Violation	Circumstances	Range of Response	Personnel
Wastestreams are diluted in lieu of treatment	Initial violation.	NOV; AO; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
	Recurring violation.	AO; Adjudicatory Hearing; cost recovery and civil penalties (SECTION 8.6); criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Failure to properly operate and maintain pre-treatment facility	Does not result in harm, No damage to POTW and/or environment.	NOV - Response required within ten (10) business days; AO; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Does result in harm, Damage to POTW and/or environment - SNC.	NOSNC; AO and/or penalty; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; terminate water and/or sewer.	RSC, PC, Dir
Inadequate record-keeping	Inspection finds files incomplete or missing (no evidence of intent).	NOV and repeat inspection; AO.	RSC, PC
	Inspection finds files incomplete or missing (evidence of intent).	Civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate sewer service.	RSC, PC, Dir
	Recurring violation.	NOV; AO; cost recovery and civil penalties (SECTION 8.6); penalty.	RSC, PC, Dir
Violation of any permit condition	Minor, no evidence of negligence or intent.	NOV.	RSC, PC
	Minor, evidence of negligence or intent.	NOV; AO; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Major violation of any permit condition, no evidence of negligence or intent.	NOV; AO; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir

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	Major violation of any permit condition, evidence of negligence or intent SNC.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Failure to mitigate non-compliance or curtail production	No damage to POTW and/or environment.	NOV; AO; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
	Damage to POTW and/or environment SNC.	NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir
Failure to report additional monitoring	Inspection finds additional files or data.	NOV; response required within ten (10) business days.	RSC, PC
	Recurring violation.	AO; cost recovery and civil penalties (SECTION 8.6).	RSC, PC, Dir
Other violations	As defined within this Regulation	NOV; NOSNC; AO; cost recovery and civil penalties (SECTION 8.6); Adjudicatory Hearing; criminal investigation; terminate water and/or sewer.	RSC, PC, Dir

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2767 **Section 9 – Fats, Oils, and Grease (FOG) Control Program**

2768 The OJRSA is mandated by Federal and State regulations to prevent the discharge of untreated sewer to the envi-
 2769 ronment. OJRSA is subject to enforcement actions from SCDES and/or EPA when untreated wastewater reaches the
 2770 environment. Fats, oils, and grease (FOG) can block the sewer lines and cause the untreated sanitary wastewater
 2771 to overflow into the environment. In order to address this requirement, the OJRSA has established the following
 2772 FOG Control Program, which is also supported by the OJRSA Development Policy and other policies as applicable.

2773 **9.1 PURPOSE**

- 2774 A. The FOG Control Program has been developed in accordance with SECTION 3 and SECTION 4 of this Regulation
 2775 with its purpose being to provide for the regulation of the collection, control, and transportation of non-
 2776 hazardous FOG of animal or vegetable origin generated by Users. All Users, including FOG Generators such
 2777 as Food Service Establishments, must comply with established grease limits as contained in SECTION 4.2.
- 2778 B. Compliance with this Regulation in support of the FOG Control Program shall be evaluated based on all the
 2779 following criteria:
- 2780 1. Properly sized and approved FOG Control Devices;
 - 2781 2. Approval and implementation of Best Management Plans;
 - 2782 3. Placement of FOG control signs above FOG Generator sinks;
 - 2783 4. Regularly scheduled maintenance of FOG Control Device(s);
 - 2784 5. Documentation of maintenance and proper disposal;
 - 2785 6. Employee education and training; and
 - 2786 7. Demonstrated adherence to established quantitative concentration or mass limit(s) as measured
 2787 at the nearest accessible point prior to FOG Generator's connection to the public sewer.

2788 **9.2 DUTIES**

- 2789 A. The Director has the authority to enforce compliance with Permits and Regulations. Acting under the Direc-
 2790 tor is the Regulatory Services Coordinator or his/her assigned representative(s) (e.g., FOG Program Coordi-
 2791 nator), who shall be responsible for implementing this Regulation.
- 2792 B. The Regulatory Services Coordinator or their assigned representatives shall be responsible for all adminis-
 2793 trative actions such as inspections, plan review, analyses, and records maintenance.
- 2794 C. Any reference to OJRSA within this Regulation as the responsible or authoritative party shall mean the des-
 2795 ignated and assigned OJRSA representatives.
- 2796 D. Duties regarding the enforcement of these requirements are outlined in SECTION 8 of this Regulation.

2797 **9.3 APPLICABILITY**

- 2798 A. The FOG Control Program is applicable to all Nonresidential Users who generate or transport FOG. The
 2799 Regulation also applies to Hauled Waste Transporters of the FOG generated from these and other facilities.
 2800 Classifications for the types of FOG Generators can be found in SECTION 9.7.
- 2801 B. All Users shall provide approved FOG Control Devices necessary to meet limits established in the Regulation
 2802 or any FOG Permit issued by OJRSA.
- 2803 C. Devices shall not be required for Single-Family Residential or dwelling units unless associated with regulated
 2804 Multi-Family Developments as follows:
- 2805 1. Multi-Family Developments shall be required to install a FOG Control Device in compliance with
 2806 SECTION 9.7 when five (5) or more units occupy a single building and where the individual living units
 2807 share a common wastewater drain line that serves more than two (2) units within the building.

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- 2808 2. This will apply to all new Multi-Family Developments that are issued a Capacity Permit after June
 2809 30, 2023. Existing facilities will be grandfathered as constructed unless the facility has to do sub-
 2810 stantial modifications which include replacement of fifty percent (50%) or more of the drain lines
 2811 or plumbing within the building. Modifications must include the installation of a FOG Control Device
 2812 as set forth in this Regulation.
- 2813 D. Hotels with Kitchens in guest rooms shall be required to install a FOG Control Device in compliance with
 2814 SECTION 9.7 when five (5) or more units occupy a single building and share common wastewater drain lines
 2815 that serve more than two (2) guest units within the building. This will apply to all new Hotels with Kitchens
 2816 that are issued a Capacity Permit after September 30, 2024. Existing facilities will be grandfathered as con-
 2817 structed unless the facility has to do substantial modifications which include replacement of fifty percent
 2818 (50%) or more of the drain lines or plumbing within the building. Modifications must include the installation
 2819 of a FOG Control Device as set forth in this Regulation.
- 2820 E. Kitchen sinks, dishwashers, and other kitchen-related devices the OJRSA determines could cause negative
 2821 impact on its conveyance or treatment system from FOG must be plumbed together through a common
 2822 drain line to allow for this wastewater to flow through a FOG Control Device as stated in this Section.
- 2823 F. Food Service Establishments and FOG Generators
- 2824 1. All Food Service Establishments (FSEs) which are proposed, constructed, expanded, renovated, re-
 2825 constructed, or change ownership shall meet the requirements included herein prior to opening,
 2826 expanding, or reopening the FSEs.
- 2827 2. All Users may be required to upgrade and/or modify FOG Control Devices to comply with the Reg-
 2828 ulation. This includes, but is not limited to, proper sizing of FOG Control Devices, piping issues,
 2829 manhole installation, and other appurtenances. All control devices shall be approved by OJRSA prior
 2830 to installation.
- 2831 3. Any facility that is required by SC 61-25 (*Retail Food Establishment Regulations*) to have a three (3)
 2832 compartment sink must have a FOG Control Device installed.
- 2833 4. Existing FSEs and FOG Generators are required to have a FOG Control Device (FCD) properly in-
 2834 stalled, maintained, and operating in accordance with this Regulation by no later than June 30,
 2835 2024.
- 2836 G. Multi-Unit Commercial Facilities
- 2837 1. New Multi-Unit Commercial Facilities
- 2838 (a) New Multi-Unit Commercial Facilities (MUCF) must have two (2) separate sewer line con-
 2839 nections at each unit. One (1) sewer line will be sanitary wastewater and one (1) FOG waste
 2840 line will be for the kitchen area, or potential kitchen area, of each unit. The kitchen area, or
 2841 potential kitchen area, grease waste line will be connected to floor drains in the specified
 2842 kitchen area, and will connect, or be able to connect, to other food service establishment
 2843 kitchen fixtures and appliances, such as but not limited to: three (3) compartment sink, two
 2844 (2) compartment sink, pre-rinse sink, mop sink, dishwasher, and hand wash sink.
- 2845 (b) Owners shall contact the OJRSA prior to conducting private plumbing work at the MUCF.
 2846 Facility Owners shall have plans for separate private FOG wastewater drain lines for kitchen
 2847 and sanitary wastewater for each individual unit. In addition, the plans shall identify stub-
 2848 out locations to accommodate a FOG Control Device of adequate size as approved in the
 2849 *OJRSA Development Policy* for each unit of the multi-unit facility or provide a larger capacity
 2850 FOG Control Device that could be shared by multiple FSEs in the strip mall. Proposals for
 2851 multiple FSEs connected to one gravity FOG Interceptor or series of gravity FOG Intercep-
 2852 tors must be approved by the OJRSA prior to construction. A copy of the maintenance
 2853 agreement shall be filed with the OJRSA for any GCD that is not owned AND maintained by
 2854 the same entity. New multi-unit facility, or new "strip mall" facility Owners shall consider
 2855 suitable physical property space and sewer gradient that will be conducive to the installa-
 2856 tion of an exterior, in-ground gravity FCD when determining the building location.

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- 2857 (c) An Owner may elect to construct a MUCF without separate sewer plumbing; however, the
 2858 Owner must provide a signed and notarized document that includes the following state-
 2859 ment prior to approval of plans or issuance of a building permit:
 2860

2861 I, _____ [Owner name here], **UNDERSTAND THAT IF A FOOD SERVICE ESTABLISH-**
 2862 **MENT OR OTHER POTENTIAL USER DETERMINED BY THE OJRSA TO POSSIBLY BE A PRO-**
 2863 **DUCER OF FATS, OILS, AND GREASE (FOG) WASTE FROM THEIR SITE, THEN I WILL PROVIDE**
 2864 **THE PROPER FOG CONTROL DEVICES AND INSTALL PLUMBING AS NECESSARY TO COMPLY**
 2865 **WITH OJRSA SEWER USE REGULATION AND OTHER OJRSA POLICIES PRIOR TO THE USER**
 2866 **OCCUPYING ANY COMMERCIAL, INDUSTRIAL, OR INSTITUTIONAL UNIT(S) WITHIN THE**
 2867 **DEVELOPMENT, WHICH INCLUDES:**

2868 [County TMS Number here]

2869 [County TMS Number here]

2870 **IF THE UNITS AND/OR PARCELS ARE SUBDIVIDED OR IF THE PROPERTY IS SOLD OR OTH-**
 2871 **ERWISE TRANSFERRED, I ALSO UNDERSTAND THAT IT IS THE RESPONSIBILITY OF THE SITE**
 2872 **OWNER(S) TO COMPLY WITH THESE REGULATIONS, AT NO EXPENSE TO THE OJRSA, PRIOR**
 2873 **TO THE ESTABLISHMENT OF WATER AND SEWER SERVICE.**
 2874

2875 2. Existing Multi-Unit Commercial Facilities

- 2876 (a) Multi-Unit Commercial Facilities (MUCF) that were constructed prior to June 30, 2023 shall
 2877 be grandfathered and may not have to comply with provisions of this Section unless:
 2878 (i) Negative impacts are placed on the public sewer system due to FOG generated
 2879 from within the facility (e.g., blockages in the conveyance system). The OJRSA re-
 2880 serves the right to require MUCF to install appropriate plumbing and FOG Control
 2881 Devices if they are causing negative impact to the public sewer system.
 2882 (ii) If an existing MUCF is replacing or updating internal piping for wastewater han-
 2883 dling, then they shall comply with requirements of a New MUFC.

2884 **9.4 RIGHT OF ENTRY, INSPECTIONS, AND RECORDKEEPING**

- 2885 A. Provisions in the Regulation regarding monitoring, inspection, and right of entry to the FOG Generator's
 2886 facility and the Hauled Waste Transporter's vehicle (SECTION 10.4) and facilities are incorporated fully within
 2887 these Regulations and shall be implemented to ensure that maintenance is being completed as recorded as
 2888 required.
 2889 B. FOG Generators shall provide access to OJRSA staff or its agents to inspect records and FOG Control Devices
 2890 or obtain representative samples and perform other duties as necessary to ensure compliance.
 2891 C. The FOG Generator shall maintain FOG Control Device inspection records for review by OJRSA for a mini-
 2892 mum of three (3) years. The records shall include FOG Control Device cleaning and maintenance records. If
 2893 authorized by OJRSA, electronic records may be submitted in accordance with SECTION 2.6.
 2894 D. Hauled Waste Transporters of FOG and other types of waste shall provide OJRSA staff or its agents access
 2895 to inspect records, obtain representative samples, and perform other duties as necessary to ensure com-
 2896 pliance.
 2897 E. FOG Control Devices (FCD) must be inspected by the OJRSA or an OJRSA approved FOG waste hauler /
 2898 plumber at least once each calendar year when the FCD is cleaned. The FOG waste hauler / plumber must
 2899 use the FOG Control Device Inspection Form as provided by the OJRSA.
 2900 F. Should a problem with the FCD be noted during the inspection, then the FOG waste hauler / plumber must
 2901 notify the OJRSA within one (1) business day of conducting the inspection.
 2902 G. Denial of Entry – Failure to provide entry or access to information regulated by the OJRSA should be docu-
 2903 mented by the employee and the Director should be notified as soon as possible. The Director will discuss
 2904 the denial of entry with the OJRSA attorney. If necessary, OJRSA will seek a warrant from the court with

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appropriate jurisdiction and will return with law enforcement to conduct the inspection and/or sampling. Continued failure to provide entry will result in OJRSA taking enforcement actions against the User as set forth in this Regulation. Denial of entry will result in a violation as set forth in the FOG Enforcement Response Guide set forth in this Regulation

- H. Confidentiality Agreements – See Section 6.12. **OJRSA PERSONNEL CONDUCTING THE INSPECTION CANNOT SIGN ANY CONFIDENTIALITY AGREEMENTS, WAIVERS OF LIABILITY, OR NON-DISCLOSURE AGREEMENTS.** Any records that are reviewed during the inspection and must be kept confidential must be stamped with the word “confidential” and OJRSA will adhere to the confidentiality requirements set forth in this Regulation, subject to advice of OJRSA legal counsel regarding South Carolina open records laws and the applicability of SECTION 6.12 of this Regulation to the specific facts and circumstances at issue.

9.5 PERMITTING

OJRSA may issue a FOG Permit or other control document to FOG Generators and Hauled Waste Transporters as a condition of use, or continued use, of OJRSA facilities and services. A FOG Permit may be issued to a single User or a group of Users with similar processes, practices, and wastewater characteristics. Although not necessary in all cases, FOG Permits may contain, but are not limited to, flow limitations, pollutant limitations, monitoring requirements and reporting requirements as well as any other conditions or requirements that OJRSA determines necessary to ensure compliance of the User and protection of the collection and treatment facilities.

9.6 FOG GENERATOR ADMINISTRATIVE REQUIREMENTS

- A. Best Management Practices
1. All FOG Generators shall have Best Management Practices (BMPs) in place to control excessive discharges of FOG to the public sewer and to ensure proper performance of FOG Control Devices (FCD).
 2. Examples of BMPs may include but are not limited to: scraping excess food from plates, pans, and food containers into the trash before washing; having signage posted at sinks (e.g., “Hand Washing Only,” “Scrape Plates before washing,” “No Fats, Oils, or Grease,” etc.); having proper sink, floor sink, and dishwasher strainers on all drains; disposing of all yellow grease into a FOG Recycle Container; and establishing procedures for observing and approving all maintenance activities that require access to the FCD.
 3. OJRSA will review BMPs and may require modifications as necessary to ensure compliance. For any kitchen drain not connected to a FCD, the FOG Generator shall maintain employee training and/or signage adequate to prevent discharge of FOG to such drains.
- B. Inground FOG Interceptors are necessary and required for most FOG Generators to be in compliance with established limits and standards. Requirements and details for FCD are found in the *OJRSA Development Policy*. In some circumstances, FOG Traps or Hydromechanical FOG Devices (HFD) may be allowed if:
1. It is determined by OJRSA that a FOG Trap or HFD provides adequate control due to site specific conditions; and/or
 2. It is determined by OJRSA that space or size constraints make an inground FOG Interceptor impractical and/or unserviceable.
- C. FCDs shall be purchased, maintained, and secured by the FOG Generator at the FOG Generator’s expense. It is the FOG Generator’s responsibility to ensure that proper maintenance of the device includes removal of all contents including floating materials, wastewater, and solids at a maintenance frequency which will allow proper operation of the FCD. The FOG Generator will be responsible for observing and approving all pumping and cleaning activities as a condition of the disposal.
- D. FOG Generators required to install new or replacement devices shall request and complete a Food Service Establishment Questionnaire as provided by OJRSA. The survey, along with the FCD specifications, details, and plans must be submitted to OJRSA prior to installation. Based on the information provided by the FOG

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2951 Generator, the OJRSA will provide a written determination of the required FCD prior to installation. Addi-
 2952 tionally, the survey will be considered a request to discharge to the OJRSA system. Approval must be
 2953 granted by OJRSA prior to connecting the device to the public sewer.

- 2954 E. It is the responsibility of the FOG Generator, new or existing, to notify OJRSA prior to the purchase and
 2955 installation of any FCD.
- 2956 F. Prior to installation or modification of a FCD, details showing piping configurations shall be submitted to
 2957 OJRSA. The details and installation shall comply with this Regulation and OJRSA Development Policy, as well
 2958 as other applicable laws and building codes. OJRSA shall review the submittal within ten (10) business days
 2959 and shall recommend changes as appropriate. Construction approval shall be evidenced by a letter signed
 2960 by an OJRSA Authorized Representative. Prior to commencement of construction or installation, the FOG
 2961 Generator shall secure applicable local building, plumbing, and other permits.
- 2962 G. The FOG Generator shall notify OJRSA at least two (2) business days prior to backfilling the FCD and piping
 2963 to request a final inspection of the installation. OJRSA may halt the completion of the installation or notify
 2964 the local building inspector if the installation does not meet the requirements of this Regulation.
- 2965 H. No FOG Generator shall alter, modify, or change from original design specifications a required FCD without
 2966 written approval from an OJRSA Authorized Representative. The design and installation instructions for the
 2967 OJRSA are set forth in the *OJRSA Development Policy*.
- 2968 I. Automatic FOG Traps – After June 30, 2023, any change of ownership of an existing FSE or FSE reopening
 2969 for business having an existing (grandfathered) Automatic FOG Trap or an existing FOG Control Device
 2970 and/or required by OJRSA to have a FOG Control Device must replace the FOG Control device a unit ap-
 2971 proved by OJRSA or must replace the FOG Control Device to meet the current requirements set forth in this
 2972 Regulation. If an Automatic FOG Trap is causing negative impacts to the public sewer system (e.g., blockages
 2973 in the conveyance system, etc.), then the device shall be replaced with a FOG Trap, Hydromechanical FOG
 2974 Device, or FOG Interceptor that complies with these Regulations.
- 2975 J. Cleaning of kitchen exhaust filters should be performed routinely to ensure that the FOG Control Device is
 2976 able to contain the FOG waste and not overwhelm the sewer system. Any wastewater generated by the
 2977 cleaning of the filters should be directed to the FOG Control Device and not the sanitary sewer.
- 2978 K. For any report, application, or other documents required to be submitted by a FOG Generator to OJRSA,
 2979 such document shall be signed by:
- 2980 1. The Owner, or
 - 2981 2. General Manager; or
 - 2982 3. Manager, or
 - 2983 4. A specified individual authorized in writing by one of the above with the authority to bind the FOG
 2984 Generator and to make representations to OJRSA on the FOG Generator's behalf.

9.7 FOG GENERATOR CLASSIFICATIONS

2985 OJRSA has established the following classifications for FOG Control Devices:

- 2987 A. Facilities that are not defined in one of the below classifications will be addressed by the OJRSA on a case-
 2988 by-case basis.
- 2989 B. Facilities that provide dining space and vending machines with no food preparation other than microwave
 2990 ovens and the like will be evaluated on a case-by-case basis.
- 2991 C. Class 1 FSE or FOG Generator – Minimum twenty gallon per minute (20 gpm) and forty pound (40 lb) FOG
 2992 Trap or Hydromechanical FOG Device that meets minimum efficiency and installation requirements neces-
 2993 sary for this class. **REQUIRES FOG DEVICE SIZING CALCULATION SHEET TO BE COMPLETED BY FSE OR FOG**
 2994 **GENERATOR. OJRSA SHALL PROVIDE CALCULATION SHEET.**
 - 2995 1. Facilities without a ventilation hood system or filter as required by SC Department of Agriculture
 2996 R61-25 (Retail Food Establishments);

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- 2997 2. Delis engaged in the sale of salads, cold cuts and microwaved/convection oven warmed sand-
 2998 wiches/subs with no frying or grilling on site, use of precooked meats, utilization of disposable serv-
 2999 ing ware with very limited culinary washing;
- 3000 3. Meat Markets with meat preparation such as slicing and grinding with no cooking on site;
 3001 4. Coffee Shops (small);
 3002 5. Ice Cream Shops;
 3003 6. Frozen Yogurt Shops;
 3004 7. Retail Bakeries (small) with no on-premises frying or preparation of other non-bakery foods;
 3005 8. Doughnut Shops with baking only (no mixing of ingredients or frying);
 3006 9. Beverage Bars with limited on-premises food preparation that can be classified as a deli;
 3007 10. Day Care Facilities (minimum classification-depending on menus, food preparation, culinary clean-
 3008 ing, and number of meals served);
 3009 11. Religious Organizations (minimum classification – depending on menus, food preparation, culinary
 3010 cleaning, number of meals served, and frequency meals are served);
 3011 12. Mobile Food Unit vendors (must have an approved method of disposal as defined in SC R61-25(5-
 3012 4)).
- 3013 D. Class 2 FSE or FOG Generator – If a facility is required to have a ventilation hood system or filter as required
 3014 by SC Department of Agriculture R61-25 (Retail Food Establishments), then they will be considered at least
 3015 a Class 2 FSE or FOG Generator. Minimum one-thousand gallon (1,000 gal) FOG Interceptor. A Hydrome-
 3016 chanical FOG Device may be considered by OJRSA on a case-by-case basis; however, it must meet all effi-
 3017 ciency and installation requirements necessary for this class. **REQUIRES FOG DEVICE SIZING CALCULATION**
 3018 **SHEET TO BE COMPLETED BY FSE OR FOG GENERATOR. OJRSA SHALL PROVIDE CALCULATION SHEET.**
- 3019 1. Limited-Service Restaurants (a.k.a. fast-food facilities, drive-in, carry-out);
 3020 2. Day Care Facilities (maximum classification-depending on menu, food preparation, culinary clean-
 3021 ing, and number of meals served);
 3022 3. Religious Organizations (maximum classification – depending on menus, food preparation, culinary
 3023 cleaning, number of meals served, and frequency meals are served);
 3024 4. Full-Service Restaurants (minimum classification – seating capacity less than sixty-five (65) per-
 3025 sons);
 3026 5. Buffet and Cafeteria facilities (minimum classification – seating capacity less than sixty-five (65)
 3027 persons);
 3028 6. Doughnut Shops with on-premises frying;
 3029 7. Coffee Shops (large);
 3030 8. Caterers;
 3031 9. Convenience Stores serving food (with or without fuel pumps);
 3032 10. Supermarket/Grocery Stores;
 3033 11. Hotels with Kitchens as stated in OJRSA SUR 9.3(D); and
 3034 12. Multi-Family Developments as stated in OJRSA SUR 9.3(C)(1) and (2) (under certain conditions and
 3035 as justified by calculation requirements and approved by OJRSA).
- 3036 E. Class 3 FSE or FOG Generator – Minimum one-thousand five hundred gallon (1,500 gal) FOG Interceptor. A
 3037 Hydromechanical FOG Device may be considered by OJRSA on a case-by-case basis; however, it must meet
 3038 all efficiency and installation requirements necessary for this class. **REQUIRES SC LICENSED REGISTERED**
 3039 **ENGINEER OR SC LICENSED ARCHITECT TO PROVIDE CALCULATIONS FOR SIZING. OJRSA MAY PROVIDE**
 3040 **CALCULATION SHEET AS APPROPRIATE TO APPLICATION.**
- 3041 1. Full-Service Restaurants (maximum classification – seating capacity greater than or equal to sixty-
 3042 five (65) persons);
 3043 2. Buffet and Cafeteria Facilities (maximum classification – seating capacity greater than or equal to
 3044 sixty-five (65) persons); and
 3045 3. Multi-Family Developments as stated in OJRSA SUR 9.3(C)(1) and (2) (under certain conditions and
 3046 as justified by calculation requirements and approved by OJRSA)

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- 3047 F. Class 4 FSE or FOG Generator – Minimum two-thousand gallon (2,000 gal) FOG Interceptor. **REQUIRES SC**
 3048 **LICENSED REGISTERED ENGINEER OR SC LICENSED ARCHITECT TO PROVIDE CALCULATIONS FOR SIZING.**
 3049 **OJRSA MAY PROVIDE CALCULATION SHEET AS APPROPRIATE TO APPLICATION.**
- 3050 1. Institutions (Schools, Hospitals, Nursing Homes, Prisons, etc.), but not to exclude self-run opera-
 3051 tions.
 - 3052 2. Multi-Family Developments as stated in OJRSA SUR 9.3(C)(1) and (2).
- 3053 G. Class 5 FOG Generator – **SIZE TO BE DETERMINED BY A SC LICENSED REGISTERED ENGINEER OR SC LI-**
 3054 **CENSED ARCHITECT. CALCULATIONS MUST BE PROVIDED TO OJRSA. OJRSA MAY PROVIDE CALCULATION**
 3055 **SHEET AS APPROPRIATE TO APPLICATION.**
- 3056 1. Industrial Users: Will receive industrial wastewater discharge permit and subject to applicable por-
 3057 tions of the Sewer Use Regulation.
 - 3058 2. Others as appropriate.

3059 **9.8 FOG CONTROL DEVICE DESIGN AND INSTALLATION REQUIREMENTS**

- 3060 A. General Requirements
- 3061 1. No FOG Control Device (FCD) shall be installed or replaced without OJRSA approval.
 - 3062 2. Garbage grinders are strictly prohibited where FCD are required.
 - 3063 3. Kitchen floor drains/sinks must have grating to prevent disposal of solids in devices.
- 3064 B. General FCD Requirements
- 3065 1. All FCDs are to be evaluated, approved, constructed, and installed in accordance with the Regula-
 3066 tions and the *OJRSA Development Policy*. The vendor supplying the FCD must be able to meet the
 3067 specifications detailed in the *OJRSA Development Policy*.
 - 3068 2. OJRSA reserves the right to make determinations of FCD sizing and adequacy based on performance
 3069 and condition and may require repairs to, modifications, or replacement of FCDs as such.
 - 3070 3. Documentation for the actual sizing of the FCD must be submitted to OJRSA for approval. OJRSA
 3071 may provide a sizing calculation sheet for the FCD.
- 3072 C. FOG Trap Requirements
- 3073 1. There is a minimum acceptable size devices based on the classification system as stated in SECTION
 3074 9.7.
 - 3075 2. The *OJRSA Development Policy* contains the design and installation requirements for a FOG Trap.
 - 3076 3. FOG Trap devices must be certified by the Plumbing and Drainage Institute (PDI) for the required
 3077 flow and grease capacity.
 - 3078 4. *Automatic FOG Traps that use mechanical or electrical means to skim FOG from wastewater are*
 3079 *prohibited in accordance with OJRSA SUR 9.6(I).*
 - 3080 5. Discharge or addition of the following materials to an under-the-sink FOG Trap is strictly prohibited:
 3081 (a) Plumbing of fixtures as identified in the *OJRSA Development Policy*;
 3082 (b) Wastewater with a temperature higher than one-hundred forty degrees Fahrenheit
 3083 (140°F);
 3084 (c) Acidic or caustic cleaners (e.g., lye or root killer);
 3085 (d) Fryer oil or grill trap FOG waste; and
 3086 (e) FOG Control Additives (as defined in SECTION 2.3).
- 3087 D. Hydromechanical FOG Devices – Hydromechanical FOG Device design and installation requirements shall
 3088 be the same as those for a FOG Trap as stated within this Section, except that: Hydromechanical FOG de-
 3089 vices must be sized by and meet the requirements of ASME A112.14.3 “Hydromechanical Grease Intercep-
 3090 tors.”
- 3091 E. FOG Interceptor Requirements
- 3092 1. There is a minimum acceptable size devices based on the classification system as stated in SECTION
 3093 9.7.
 - 3094 2. The *OJRSA Development Policy* contains the design and installation requirements for a FOG Trap.

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- 3095 3. The minimum liquid residence time in the FOG Interceptor shall be thirty (30) minutes.¹
- 3096 4. All FOG Interceptors shall be adequately secured against unauthorized access.
- 3097 5. All new inground FOG Interceptors must be leak tested prior to putting the unit into service.
- 3098 6. Discharge of, or addition of, the following materials are strictly prohibited from disposal to an in-
- 3099 ground FOG Interceptor:
- 3100 (a) Acidic or caustic cleaners (e.g., lye or root killer); and
- 3101 (b) FOG control additives (as defined in SECTION 2.3).

3102 **9.9 MAINTENANCE REQUIREMENTS**

- 3103 A. The OJRSA reserves the right to require changes in device type or size and/or maintenance requirements
- 3104 as stated within this Section based on changes in operation, business hours, equipment, menu options,
- 3105 seating capacity, etc.
- 3106 B. If OJRSA experiences FOG related maintenance issues on its collection system, OJRSA may require increased
- 3107 cleaning of FCDs or may conduct sampling to determine the source of the excess FOG in the system. If the
- 3108 contribution of the excess FOG is attributed to a particular FOG Generator, they may be charged for the
- 3109 costs associated with repairing the system in accordance with SECTION 4.11 RECOVERY OF PREVENTATIVE EX-
- 3110 PENSES and SECTION 8— Enforcement.
- 3111 C. FOG Traps
- 3112 1. **FOG TRAPS SHALL BE MAINTAINED ON A FREQUENCY FOR THE PROPER FUNCTION OF A FOG**
- 3113 **TRAP. THE CLEANING FREQUENCY WILL BE ESTABLISHED BY OJRSA ON A CASE-BY-CASE BASIS;**
- 3114 **USING THE “25% RULE”² OR IF THERE IS EVIDENCE OF VISIBLE SOLIDS IN THE EFFLUENT AFTER**
- 3115 **PASSING THROUGH THE DEVICE; HOWEVER, CLEANING SHALL NOT EXCEED TWENTY-ONE (21)**
- 3116 **CALENDAR DAYS.**
- 3117 2. Food Service Establishments (FSEs) shall maintain a detailed, written log of FOG Trap maintenance.
- 3118 These records shall be maintained in accordance with SECTION 9.4.
- 3119 D. Hydromechanical FOG Devices
- 3120 1. **HYDROMECHANICAL FOG DEVICES (HFD) SHALL BE MAINTAINED BASED ON MANUFACTURER’S**
- 3121 **RECOMMENDED CLEANING SCHEDULE AND CALCULATIONS FOR THE PROPER FUNCTION OF A**
- 3122 **HFD AND THERE SHALL BE NO VISIBLE SOLIDS IN THE EFFLUENT DISCHARGED FROM THE DEVICE.**
- 3123 **THE CLEANING FREQUENCY WILL BE APPROVED BY OJRSA ON A CASE-BY-CASE BASIS; HOWEVER,**
- 3124 **IT SHALL NOT EXCEED THIRTY-ONE (31) CALENDAR DAYS UNLESS OTHERWISE NOTED BY MANU-**
- 3125 **FACTURER’S RECOMMENDATIONS OR CALCULATIONS, WHICH SHALL REQUIRE WRITTEN AP-**
- 3126 **PROVAL BY OJRSA PRIOR TO IMPLEMENTATION.**
- 3127 2. Food Service Establishments (FSEs) shall maintain a detailed, written log of HFD maintenance. These
- 3128 records shall be maintained in accordance with SECTION 9.4.
- 3129 E. FOG Interceptors
- 3130 1. **FOG INTERCEPTORS SHALL BE MAINTAINED ON A QUARTERLY (EVERY THREE (3) MONTH) BASIS**
- 3131 **UNLESS APPROVED IN WRITING BY OJRSA; HOWEVER, SOME FOG GENERATORS MAY NEED TO**
- 3132 **CONSIDER A MORE FREQUENT PUMPING SCHEDULE TO MEET THE REQUIREMENTS OF THIS REG-**
- 3133 **ULATION.** A reduced cleaning frequency may be granted on a case-by-case situation with submittal
- 3134 by the FOG Generator and Hauled Waste Transporter, as stated with the functions of Section
- 3135 9.10(E), that performed the cleaning and inspection to document proof that a reduced cleaning
- 3136 frequency will meet the requirements of this Regulation. Modified maintenance schedules must be
- 3137 approved by the OJRSA but in no case will cleaning intervals exceed six (6) months.
- 3138 2. The following FOG Interceptor maintenance activities must be performed:

¹ As stated in the International Plumbing Code.

² To calculate the 25% Rule value, you use the following formula: [(avg. inlet grease layer + avg. inlet solids layer) ÷ total water depth] x 100. For example, if the average inlet grease layer is 8.67 inches, the average inlet solids layer is 4.33 inches, and the total water depth is 45 in, the 25% Rule value would be 28.89%, which is above the 25% threshold and the cleaning frequency should be adjusted appropriately.

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- 3139 (a) Complete removal of all contents of the FOG Interceptor rather than skimming the top
 3140 grease layer when the total accumulation of surface FOG (including floating solids) and set-
 3141 tled solids reaches twenty-five percent (25%) (The "25% Rule," see footnote on page 80 for
 3142 more information) of the FOG Interceptor's inlet liquid depth if before the quarterly pump
 3143 out requirement. Top skimming, decanting, or back-flushing of the device, its contents, sep-
 3144 tage waste, solids, water, or other materials back into the FOG Interceptor for the purpose
 3145 of reducing the volume of waste to be hauled is prohibited. Vehicles capable of separating
 3146 water from FOG shall not discharge separated water into the FOG Interceptor or into the
 3147 wastewater conveyance system.
- 3148 (b) Provide a thorough cleaning of the FOG Interceptor to remove FOG buildup from inner walls
 3149 and baffles.
- 3150 (c) Failure to meet these requirements shall result in enforcement actions as set forth in SEC-
 3151 TION 8 of this Regulation.
- 3152 3. Private Sewer Line Cleaning of FOG Requirement – Any Hauled Waste Transporter, plumber, or
 3153 contractor that cleans FOG from a FSE's private sewer lines must insure that the FOG and other
 3154 debris cleaned from these pipes does not cause an obstruction or blockage in any sewer lines that
 3155 ultimately discharge to the public sewer. Therefore, the FOG or other debris cleaned from the pri-
 3156 vate sewer line should be vacuumed or removed and properly disposed of. The Hauled Waste
 3157 Transporter, plumber, or contractor shall immediately contact the OJRSA if FOG is pushed or jetted
 3158 into the sewer lines that ultimately discharge to the OJRSA conveyance system or treatment facility
 3159 to make the OJRSA aware of the FOG and debris at the specific location. If maintenance is required
 3160 on any lines that receive the debris, the OJRSA can recover costs maintenance as set forth in SECTION
 3161 8.6 and/or *OJRSA Schedule of Fees*.

3162 **9.10 HAULED WASTE TRANSPORTER / PLUMBER REQUIREMENTS**

- 3163 Hauled Waste Transporters and Plumbers performing service and maintenance on FOG Control Devices (FCD) shall:
- 3164 A. Comply with requirements in SECTION 9.9.
- 3165 B. Submit a record of all FSEs maintained to the Regulatory Services Coordinator or his/her designee monthly.
- 3166 C. Use only disposal sites or methods approved in the Waste Hauler License that is issued to the Hauled Waste
 3167 Transporter.
- 3168 D. Be responsible for determining the nature of the waste and completing a manifest before transport. A com-
 3169 pleted FOG Waste Disposal Record Form must accompany each load and a copy given to the Owner of the
 3170 FOG Generator. The record must include the name, address, and phone number of the FOG Generator
 3171 company; the name(s) of the individual(s) performing the work, the volume of the wastewater and other
 3172 material removed from the FCD, contracted cleaning frequency, the disposal location and address, the date
 3173 of waste removal, the FOG Generator signature (if FOG Generator signature is not available, then it should
 3174 be on file with the FOG Generator and Hauled Waste Transporter), and the hauler signature.
- 3175 E. Perform the following activities:
- 3176 1. Provide a completed disposal manifest with the FOG Generator's signature to accompany each load
 3177 of FOG waste to the disposal site.
- 3178 2. Inspect the FCD at least once per year for each Food Service Establishment or FOG Generator.
 3179 Should the FCD be found non-functional, damaged, or altered in any way, then the inspector must
 3180 notify the OJRSA within one (1) business day of performing the inspection. Pictures of the issues
 3181 with the device should be taken while the device is empty and submitted to OJRSA with the notifi-
 3182 cation.
- 3183 3. Attend a certification class conducted by OJRSA once every three (3) years to obtain or maintain
 3184 certification to inspect the FCDs and perform the services set forth in this Regulation. If the hauler
 3185 or plumber hires a new employee in the period between training offerings by the OJRSA, then they
 3186 must make arrangements with OJRSA to obtain the training before performing an inspection. When

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DRAFT August 21, 2024 FOR O&P COMMITTEE

3187 the next regular scheduled class is held, then the new employee will be subject to this training as
 3188 well in order to meet the training requirement set by OJRSA.
 3189 4.

9.11 FEES

3190 Provisions in the Regulation regarding fees and charges shall be assessed to FOG Generators and Hauled Waste
 3191 Transporters as stated in the *OJRSA Schedule of Fees*.
 3192

9.12 COMPLIANCE ENFORCEMENT

3193
 3194 A. Failure on the part of any FOG Generator or Hauled Waste Transporter to maintain continued compliance
 3195 with any of the requirements set forth in this Regulation may result in the initiation of enforcement action.
 3196 Violations of these provisions are subject to the enforcement provisions contained in SECTION 8 of the Reg-
 3197 ulation, which may include administrative and civil penalties. In addition, fines assessed for violations in-
 3198 volving blockages, cleanup, or other occurrences requiring increased operations and/or maintenance ex-
 3199 penses shall include the cost incurred by OJRSA or Satellite Sewer Systems for the cleanup or blockage
 3200 removal. In accordance with the recovery of preventative expenses provisions contained in the Regulation,
 3201 costs and expenses incurred by OJRSA for preventing interference or adverse impact on the public sewer,
 3202 may be charged to and paid by the discharger upon written notice. Also see OJRSA SUR 8.12(E).
 3203 B. A Compliance Schedule shall be developed and issued to FOG Generators found to be in violation of this
 3204 Regulation or in need of the addition, repair, or upgrade of a FOG Control Device (FCD). Accelerated com-
 3205 pliance shall be required for Users which are found to be discharging FOG in sufficient quantities to cause
 3206 blockages or necessitate maintenance on the wastewater conveyance system to prevent blockages. FOG
 3207 Generators causing blockages of sewer lines and/or sanitary sewer overflows will be required by OJRSA to
 3208 increase cleaning frequency for the FCD. The FOG Generator will be notified in writing of any Compliance
 3209 Schedule or date and these schedules shall contain milestones necessary to achieve compliance with the
 3210 Regulation. Failure to meet a Compliance Schedule or component of a schedule shall be grounds for en-
 3211 forcement including monetary penalties. Any requests for extensions shall be made in writing to OJRSA at
 3212 least thirty (30) calendar days in advance of the compliance date. The request shall include the reasons for
 3213 failure to comply, additional time required for compliance, and steps taken to avoid further delays.
 3214 C. OJRSA reserves the right to monitor, or require monitoring, of any FOG Generator or Hauled Waste Trans-
 3215 porter to demonstrate compliance
 3216 D. Should a FOG Generator be found to be responsible for issues with the sewer system and/or a sanitary
 3217 sewer overflow, then the OJRSA reserves the right to take enforcement actions as set forth in this Regula-
 3218 tion. These actions may include providing as-built drawings for the facility, mapping and inspection of the
 3219 sewer line, and other enforcement actions set forth in SECTION 8 of this Regulation.
 3220 E. Violations may also be reported, as appropriate, to SCDHEC and local codes offices for further enforcement
 3221 action.

9.13 REQUESTS FOR VARIANCE

3222
 3223 A. Requests for a variance to any of the requirements or OJRSA implementation of the requirements contained
 3224 in this Regulation must be submitted in writing to the Regulatory Services Coordinator within thirty (30)
 3225 calendar days of the FOG Generator or Hauled Waste Transporter being notified of a requirement or Com-
 3226 pliance Schedule. The request for variance must specifically state the reason for the request and how the
 3227 User will ensure demonstrated compliance with established limits.
 3228 B. Conditional maintenance variances may be granted at the discretion of the Executive Director or his/her
 3229 designee and will typically require additional control measures be placed on the User to ensure compliance
 3230 which may include but are not limited to: additional maintenance requirements, more stringent Best Man-
 3231 agement Practices, monitoring requirements (or additional requirements), permit(s) and/or cost recovery.

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3232 In no case shall a variance be issued in lieu of compliance with established numerical limits or when damage
 3233 to the conveyance system, public sewer, or treatment facility is evident. Requests for variances regarding a
 3234 reduction in cleaning frequency are to be made through the following procedure:

- 3235 1. The FOG Generator must request in writing a reduction of its FCD cleaning frequency using the FOG
 3236 Variance Request Form.
- 3237 2. All work associated with the variance request is to be performed at the FOG Generator's expense
 3238 and must be paid prior to conducting the inspection, sampling, and/or analysis in accordance with
 3239 the OJRSA Schedule of Fees.
- 3240 3. OJRSA will perform an evaluation of the facility and the capability of the FCD to determine if a
 3241 reduction in cleaning is merited. The evaluation will include but not necessarily be limited to the fol-
 3242 lowing:
 - 3243 (a) A site visit to evaluate the facility's potential contributions to FOG in the collection system.
 - 3244 (b) Inspection, sampling, and/or analysis of the discharge from the FOG Generator's facility will
 3245 be conducted by OJRSA to determine the effectiveness of the FCD and the contribution of
 3246 the FOG Generator to FOG in the sewer system.
 - 3247 (c) During the sampling and/or inspection, OJRSA will use methods to ensure that the FCD is
 3248 not tampered with. OJRSA reserves the right to install tamperproof equipment on the de-
 3249 vice to ensure the integrity of the sampling/inspection, such as lock, tape, etc.
- 3250 C. On a case-by-case basis, at the discretion of the Director, alternative FOG Control Devices (FCD) may be
 3251 considered and approved for installation at a FOG Generator. The alternative FCD must control FOG dis-
 3252 charges from the User and be maintained as outlined in this Regulation. Items that may be considered in
 3253 this determination will be footprint of existing buildings, location of property boundaries, and a lack of room
 3254 for an outside FOG Interceptor. Alternative FCDs shall not be considered for new building construction.
- 3255 D. If an existing FOG Generator is housed in a structure that, because of its architectural or historical re-
 3256 strictions or limitations or the Owner will suffer extreme economic hardship in order to upgrade the existing
 3257 FCD, then the establishment may keep the current FOG Interceptor provided the FOG Interceptor is at least
 3258 fifteen (15) feet from the nearest ventilation intake on the facility's heating and cooling unit.
- 3259 E. Consideration of a variance may be subject to fees as set forth in the *OJRSA Schedule of Fees*.

3260 Section 10 – Hauled Waste Acceptance

3261 10.1 AUTHORITY AND GENERAL CONDITIONS

- 3262 A. The OJRSA is authorized to accept hauled waste originating within the OJRSA service area boundaries. Ad-
 3263 ditionally, OJRSA may grant approval to accept hauled waste from locations outside of the service area
 3264 when it is determined that:
 - 3265 1. Due to matters of policy or regulation, inadequate receiving facilities, treatment limitations, equip-
 3266 ment malfunction, nature or quantity of waste, or other factors there is no viable alternative for
 3267 disposal of the hauled waste in the service area where it originates.
 - 3268 2. It is advantageous to OJRSA or the jurisdictional municipality for the hauled waste to be disposed
 3269 of at OJRSA facilities.
- 3270 B. With the adoption of this Regulation, the OJRSA will only be accepting the following hauled wastes: septic
 3271 tanks with sanitary wastewater only (no industrial or non-sanitary sewer septage), biological package treat-
 3272 ment plant sludge, alum sludge, porta-john waste, and others that are deemed beneficial to the water rec-
 3273 lamation facility and its treatment process. OJRSA must preapprove the types and volume of waste prior to
 3274 delivery, which is performed when licensing the haulers. OJRSA also reserves the right to take waste from
 3275 the cleaning and maintenance of any of the public sewer lines that discharge wastewater ultimately to the
 3276 wastewater treatment plant.

OJRSA Sewer Use Regulation

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- 3277 C. The terms and conditions for the acceptance of hauled waste from outside of the OJRSA service area shall
3278 typically be in writing and is subject to applicable inter-jurisdictional agreements.
- 3279 D. All FOG Generators, Hauled Waste Transporters, and dischargers of hauled waste must be in compliance
3280 with SC R61-56.1 and the *OJRSA Sewer Use Regulation*.
- 3281 E. Abuse of the above requirements stated in SECTION 10.1 shall result in actions as detailed in SECTION 8.12.7.
- 3282 F. All Haulers will be permitted annually by OJRSA.
- 3283 G. The Hauler will give the FSE a copy of the FOG Waste Disposal Record when a clean-out occurs. The record
3284 must include the name, address, and phone number of the FOG Generator company; the name(s) of the
3285 individual(s) performing the work, the volume of the wastewater and other material removed from the
3286 FCD, the disposal location and address, the date of waste removal, the FOG Generator signature, and the
3287 hauler signature. These records must be kept by the FSE for review by OJRSA personnel during an inspec-
3288 tion.

3289 **10.2 SPECIFIC CONDITIONS OF ACCEPTANCE**

- 3290 A. Acceptance of Hauled Waste
- 3291 1. All hauled waste products shall only be accepted at a designated OJRSA receiving site by Hauled
3292 Waste Transporters that have a valid Waste Hauler License to dispose of product at OJRSA facilities.
- 3293 2. Hauled waste is only accepted on business days during the hours of operation as posted at the
3294 OJRSA Operations and Administration Building. On occasion, it may also be necessary to stop the
3295 acceptance of hauled waste during normal acceptance periods due to issues with the treatment
3296 plant, staffing shortages, personnel training, or other scheduled or unscheduled event. The OJRSA
3297 shall not accept waste outside of these hours except under the following conditions:
- 3298 (a) It is in response to an emergency associated with a DHEC-permitted Satellite Sewer System
3299 directly or indirectly connected to the OJRSA's wholesale or retail system; and
- 3300 (b) The emergency must originate on public or common property owned, operated, and main-
3301 tained by the Satellite Sewer System. Events that occur on private property are not consid-
3302 ered an emergency per this Regulation. The OJRSA reserves the right to confirm all infor-
3303 mation regarding the emergency with the registered agent(s) of the Satellite Sewer System.
- 3304 (c) An afterhours acceptance fee per load plus the cost of disposal as stated in the *OJRSA*
3305 *Schedule of Fees* shall apply.
- 3306 (d) The OJRSA shall not accept residential, Commercial, industrial, or institutional hauled waste
3307 afterhours, including waste from onsite wastewater systems and septic tanks.
- 3308 3. Abuse of the above requirements stated in SECTION 10.2 shall result in actions as detailed in SECTION
3309 8.12.7.
- 3310 B. Septic Tank Waste
- 3311 1. Acceptance From Within OJRSA Service Area
- 3312 (a) OJRSA will accept Residential septic tank waste originating from within the OJRSA's service
3313 area.
- 3314 (b) OJRSA may accept Industrial or Commercial septic tank waste (sanitary only) with prior ap-
3315 proval. Approval must be requested and granted in writing prior to discharge at OJRSA fa-
3316 cilities.
- 3317 (c) Sanitary wastewater from Nonresidential Users located outside the service area will not be
3318 accepted under any circumstances.
- 3319 (d) Loads mixed with Residential septic tank waste from inside and outside of the service area
3320 shall not be accepted without prior approval; however, mixed loads that may contain Non-
3321 residential septic tank wastewater from outside of the service area shall not be accepted
3322 under any circumstances.
- 3323 2. The information for each load of septic tank waste must be provided to the OJRSA prior to disposal
3324 at the treatment facility.

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- 3325 3. Septic tank waste shall not be comingled or mixed with any other form of hauled waste prior to
3326 discharge at OJRSA facilities.
- 3327 4. Acceptance of septic tank waste shall be subject to fees and charges as outlined in the *OJRSA Sched-*
3328 *ule of Fees*. Additional fees and charges may be applied to wastes originating outside of the OJRSA
3329 service area.
- 3330 C. Portable Toilet Waste
- 3331 1. Acceptance From Within OJRSA Service Area
- 3332 (a) OJRSA will accept portable toilet waste originating from within the OJRSA service area only.
- 3333 (b) Portable toilet waste originating outside of the OJRSA service area may not be discharged
3334 at OJRSA facilities without prior approval.
- 3335 (c) Loads mixed with portable toilet waste from inside and outside of the service area shall not
3336 be accepted without prior approval.
- 3337 2. Portable toilet waste to be accepted must consist of sanitary waste only.
- 3338 3. Portable toilet waste shall not be comingled or mixed with any other form of hauled waste, includ-
3339 ing septic tank waste, prior to discharge at OJRSA facilities.
- 3340 4. The information for each load of portable toilet waste must be provided to the OJRSA prior to dis-
3341 posal at the treatment facility.
- 3342 5. Acceptance of portable toilet waste shall be subject to fees and charges as outlined in the *OJRSA*
3343 *Schedule of Fees*. Additional fees and charges may be applied to wastes originating outside of the
3344 OJRSA service area.
- 3345 D. Beneficial Hauled Waste
- 3346 1. OJRSA may designate any source or form of hauled waste as beneficial waste. Beneficial hauled
3347 waste may be accepted at locations and under conditions set forth in an approval letter.
- 3348 2. Considerations for designation and acceptance as beneficial hauled waste shall be requested in
3349 writing to the attention of the OJRSA Regulatory Services Coordinator.
- 3350 3. Each request for beneficial hauled waste designation shall be reviewed by OJRSA on a case-by-case
3351 basis and approval shall be granted in an approval letter or contract. Special conditions, restrictions
3352 and limitations may apply.
- 3353 4. Fees, charges, credits, or payments, as applicable, may be negotiated with the waste generator as
3354 a condition of acceptance of each designated beneficial hauled waste.
- 3355 E. Prohibited Wastes
- 3356 1. OJRSA will no longer receive brown grease sixty (60) days following the adoption of this Regulation.
- 3357 2. The OJRSA shall prohibit the receipt of and/or disposal of any materials as identified in the Regula-
3358 tion to any facility connected to OJRSA facilities, including those that originate on private property
3359 (e.g., private sewers).
- 3360 3. OJRSA does not accept any brown grease waste, yellow grease waste, or waste that would be con-
3361 sidered hazardous under the RCRA regulations.

3362 **10.3 HAULED WASTE TRANSPORTER REQUIREMENTS**

- 3363 A. The contents of a Hauled Waste Transporter operated by a SCDES-licensed hauler of holding tank waste
3364 shall be discharged to the POTW only at a location approved by the Director. Such wastewater must have
3365 prior written approval of the Director before being discharged. The discharge of this waste shall be subject
3366 to the procedures, limitations, and fees set by the Director in the letter of acceptance, and a copy of this
3367 letter shall be attached to the Nonresidential Hauled Waste Request for Disposal Form. The licensed hauler
3368 shall provide the information requested as shown in the Regulation.
- 3369 B. The discharge of such wastes shall be subject to the procedures and limitations established by the Director,
3370 as stated in appropriate sections of this Regulation.
- 3371 C. Only wastes originating within the OJRSA's service area may be accepted.

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- 3372 D. Waste Hauler License shall be obtained from the OJRSA and shall be issued for a specified period not to
3373 exceed one (1) year. This License is based on the calendar year and will have a beginning date no earlier
3374 than January 1 and an ending date no later than December 31.
- 3375 E. Transporters are responsible for ensuring that any hauled waste discharged at OJRSA facilities is in compli-
3376 ance with all applicable regulations and that truck contents are as represented on each Septic Tank Dis-
3377 charge Record or Nonresidential Hauled Waste Request for Disposal Form. Each load of residential septic
3378 or FOG waste shall be accompanied by a complete and legible Septic Tank Discharge Record form that in-
3379 cludes the following signed certification statement, which must include a Wet Signature from the Author-
3380 ized Representative for the facility who is disposing of the waste (e.g., the property or business owner, not
3381 the Waste Hauler):

3382

3383 **I CERTIFY THAT THE ABOVE INFORMATION IS CORRECT AND THAT I HAVE PERFORMED APPROPRIATE**
3384 **INVESTIGATION TO ENSURE THAT THE WASTEWATER TO BE DISCHARGED IS FROM NO OTHER SOURCE**
3385 **THAN A SEPTIC TANK ORIGINATED IN OCONEE COUNTY OR WITHIN THE OJRSA SERVICE AREA, AND TO**
3386 **THE BEST OF MY KNOWLEDGE CONTAINS NO HAZARDOUS MATERIAL, TOXIC MATERIAL, OR INDUSTRIAL**
3387 **MATERIAL IN ANY AMOUNTS. FURTHERMORE, I UNDERSTAND THAT I AM RESPONSIBLE FOR ANY AD-**
3388 **VERSE IMPACTS RESULTING FROM THE CONTENTS BEING DISCHARGED.**

10.4 INSPECTION AND MONITORING

3389 In accordance with SECTION 7.1, OJRSA shall be permitted to inspect equipment, vehicles, records, waste origination
3390 sites, holding tanks, and other properties utilized by a Hauled Waste Transporters to ensure compliance with this
3391 Regulation. All Users of OJRSA facilities shall be subject to surveillance utilizing remote monitoring and recording
3392 equipment. Additionally, OJRSA may conduct or require sampling and monitoring of hauled waste to validate doc-
3393 umentation or satisfy compliance requirements.
3394

10.5 FEES AND CHARGES

3395 Fees and charges for septic tank and FOG waste originating in the OJRSA service area are established in the *OJRSA*
3396 *Schedule of Fees*. If approved for acceptance as stated in SECTIONS 10.1 and 10.2, then fees and charges for other
3397 forms of hauled waste or waste originating from outside the OJRSA service area will be established on a case-by-
3398 case basis as a part of the approval process. Hauled Waste Transporters or generators will not be allowed to dis-
3399 charge hauled waste at OJRSA facilities without proper payment of fees and charges.
3400

10.6 ENFORCEMENT

3401 Any User who violates the provisions of this Regulation or fails to abide by any rules, requirements, or procedures
3402 that OJRSA implements in support of this Regulation, will be subject to enforcement as outlined in SECTION 8. En-
3403 forcement may include fines and/or discontinuance of service and or use of OJRSA facilities.
3404

OJRSA Sewer Use Regulation
DRAFT August 21, 2024 FOR O&P COMMITTEE

3405 **Section 11 – Severability**

3406 If any provision, paragraph, word, section, or article of these Regulations are invalidated by any court of competent
3407 jurisdiction, the remaining provisions, paragraphs, words, sections, and articles shall not be affected and shall con-
3408 tinue in full force and effect.

OJRSA Sewer Use Regulation
DRAFT August 21, 2024 FOR O&P COMMITTEE

3409 **Section 12 – Conflict**

3410 All regulations and parts of regulations inconsistent or conflicting with any part of these Regulations are hereby
3411 repealed to the extent of such inconsistency or conflict.



Piedmont Municipal Power Agency

BOARD PACK

for

PMPA Board Meeting

Thursday, August 22, 2024

10:00 AM (EDT)

Held at:

PMPA Office

121 Village Drive, Greer, SC 29651

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AGENDA

PMPA BOARD MEETING

Name: Piedmont Municipal Power Agency

Date: Thursday, August 22, 2024

Time: 10:00 AM to 2:00 PM (EDT)

Location: PMPA Office, 121 Village Drive, Greer, SC 29651

<https://pmpa.zoom.us/j/85936539981?pwd=hgtaf1FaGfKRBE0A0LvONcPTx2BbaX.1>

Board Members: Blake Stone (Chair), Andy Sevic, Donnie Hardin, Jimmy Bagley, Joe Nichols, John Young, Kevin Bronson, Mike Richard, Tim Baker, Tom Brooks, Mayor Brian Ramey, David Vehaun, Eric Goodwin, Mayor Foster Senn, Keith Wood, Lance Davis, Marc Regier, Ronnie Roth, Steve Bratton, Tim Hall

Attendees: Angie Hoover, Brandon Audet, Cindy Frierson, Dedra Howell, Dennis Cameron, Gary Brunault, Joel Ledbetter, JulieAnne London, Kenny Bradley, Lynn Price, Mike Frazier, Rion Foley, Tracy Quinn, Will Blanton, Tom Gressette

1. Call to Order
 - 1.1 Identify Virtual Attendees
 - 1.2 Declaration of Quorum
 - 1.3 Invocation
 2. Approval of Minutes
 - 2.1 Confirm Minutes
- Supporting Documents:
- 2.1.a Minutes : PMPA Board Meeting - 27 Jun 2024 6
- 2.2 Vote to Approve Minutes of June 27, 2024
To approve minutes as submitted.
 3. Acceptance of Financial Report
 - 3.1 June and July 2024
To accept Financial Report as submitted.
- Supporting Documents:
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6. Presentations

6.1 2024 Power Conference Survey Response

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6.2 Capacity Markets in Southeast

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7. Executive Session

7.1 Vote to enter into Executive Session

7.2 Catawba Information - Contractual

7.3 Discuss matters pertaining to contract negotiations

7.4 Discuss matters pertaining to ongoing litigation

7.5 Vote to return to Regular Session

8. Actions to be taken based on discussion in Executive Session

8.1 No action was needed for items discussed in Executive Session

9. Participant Discussion and Other Business

10. Adjourn

10.1 Adjourn

Next meeting: PMPA Board Meeting - Sep 19, 2024, 10:00 AM

MINUTES (in Review)

PMPA BOARD MEETING



Name:	Piedmont Municipal Power Agency
Date:	Thursday, June 27, 2024
Time:	10:00 AM to 12:11 PM (EDT)
Location:	PMPA Office, 121 Village Drive, Greer, SC 29651
Board Members:	Blake Stone (Chair), Andy Sevic, Donnie Hardin, Jimmy Bagley, Joe Nichols, Kevin Bronson, Mike Richard, Tim Baker, Tom Brooks, Mayor Brian Ramey, David Vehaun, Keith Wood, Lance Davis, Marc Regier, Ronnie Roth, Steve Bratton
Attendees:	Dedra Howell, Dennis Cameron, Gary Brunault, Joel Ledbetter, JulieAnne London, Lynn Price, Mike Frazier, Rion Foley, Tracy Quinn, Will Blanton, Tom Gressette
Apologies:	Eric Goodwin, John Young, Angie Hoover, Brandon Audet, Cindy Frierson, Kenny Bradley, Mayor Foster Senn, Tim Hall
Guests:	Andrea Kelley
Notes:	Virtual Attendees: Dennis Cameron, Rion Foley, Tom Gressette, and Andrea Kelley

1. Call to Order

1.1 Identify Virtual Attendees

1.2 Declaration of Quorum

Chairman Stone declared that a quorum is present and the Board can conduct business.

1.3 Invocation

Mr. Ledbetter gave the invocation.

2. Approval of Minutes

2.1 Confirm Minutes

PMPA Board Meeting May 23, 2024, the minutes were confirmed as presented.

2.2 Vote to Approve Minutes of May 23, 2024



To approved minutes as submitted.

To approved minutes as submitted.

Decision Date: Jun 27, 2024

Mover: Kevin Bronson

Second: Tom Brooks

Outcome: Approved

Vote to Approve Minutes of May 23, 2024



To approve minutes as submitted.

10 Supported
0 Opposed
0 Abstained

Decision Date: Jun 27, 2024
Outcome: Approved

3. Acceptance of Financial Report

3.1 May 2024



To accept Financial Report as submitted.

To accept Financial Report as submitted.

Decision Date: Jun 27, 2024
Mover: Tim Baker
Second: Kevin Bronson
Outcome: Approved



May 2024

To accept Financial Report as submitted.

10 Supported
0 Opposed
0 Abstained

Decision Date: Jun 27, 2024
Outcome: Approved

4. Reports

4.1 Engineering

Mr. Frazier reviewed the standard engineering reports for May that were included in the Board Pack.

Mr. Frazier updated the Board on the Laurens Transmission Line.

Mr. Frazier and Mr. Blanton provided the current status of PMPA's new SCADA system project.

4.2 Catawba

Mr. Ledbetter reviewed the Catawba and McGuire report that was included in the Board Pack.

4.3 Management

Mr. Ledbetter reminded the Board to bring door prizes to the Power Conference in July.

Mr. Ledbetter briefly discussed several results of the recent primary elections. He stated that a summary of those results have been posted to BoardPro.

Mr. Ledbetter also stated that the invitations for the Catawba Owners Meeting should be expected in mid-July.

5. Action Items

6. Executive Session

6.1 Vote to enter into Executive Session



Vote to enter into Executive Session

Vote to enter into Executive Session

Decision Date: Jun 27, 2024

Mover: Tom Brooks

Second: Donnie Hardin

Outcome: Approved



Vote to enter into Executive Session

10 Supported

0 Opposed

0 Abstained

Decision Date: Jun 27, 2024

Outcome: Approved

6.2 Discuss matters pertaining to ongoing litigation

6.3 Discuss matters pertaining to contract negotiations

6.4 Personnel

6.5 Vote to return to Regular Session



Vote to return to Regular Session

Vote to return to Regular Session

Decision Date: Jun 27, 2024

Mover: Jimmy Bagley

Second: Tom Brooks

Outcome: Approved



Vote to return to Regular Session

10 Supported

0 Opposed

0 Abstained

Decision Date: Jun 27, 2024

Outcome: Approved

7. Actions to be taken based on discussion in Executive Session
 - 7.1 **No action was needed for items discussed in Executive Session**
8. Participant Discussion and Other Business
 - 8.1 **EV Charging Station Grant**

Mr. Brooks advised the Board that the City of Clinton has provided a letter of support for EO Charging to install EV charging stations in the city. The Department of Transportation is providing 80% funding for the installation and operation with the balance of funds coming from private investment. EO Charging will monitor and service the charging station(s). Mr. Brooks offered to send the contact information to anyone interested.

9. Adjourn

9.1 Adjourn

Next meeting: PMPA Board Meeting - Aug 22, 2024, 10:00 AM

Mr. Hardin made a motion to adjourn the meeting with a second by Mr. Brooks. The motion passed unanimously.

Signature: _____ **Date:** _____

PIEDMONT MUNICIPAL POWER AGENCY
COMPARATIVE STATEMENT OF NET POSITION
AS OF JULY 31, 2024
(DOLLARS IN THOUSANDS)

	<u>LAST MONTH</u>	<u>INCREASE</u>	<u>DECREASE</u>	<u>THIS MONTH</u>
ASSETS				
CAPITAL ASSETS, NET:				
Generation	\$346,848	\$0	\$735	\$346,114
Transmission	4,179	0	11	4,168
LDMS/SCADA	220	0	11	209
General	412	0	5	407
Nuclear Fuel - In Stock And Progress	21,272	0	2,480	18,792
Nuclear Fuel - In Reactor	22,918	0	1,269	21,649
Construction in Progress	30,096	1,913	0	32,009
TOTAL CAPITAL ASSETS, NET	425,944	0	2,597	423,347
CURRENT UNRESTRICTED ASSETS:				
Cash And Markable Debt Securities (W/C)	65,078	188	0	65,266
Revenue Fund Valuation	(7)	0	0	(7)
Fuel	22	3,748	0	3,770
Participants Accounts Receivable (W/C)	19,263	1,053	0	20,316
Other Accounts Receivable (W/C)	250	0	140	110
Materials & Supplies	20,127	233	0	20,359
TOTAL CURRENT UNRESTRICTED ASSETS	104,733	5,082	0	109,815
CURRENT RESTRICTED ASSETS:				
Debt Service	43,636	0	2,774	40,862
Debt Service Reserve	48,343	0	0	48,343
Reserve and Contingency	4,835	0	0	4,835
Decommissioning	134,518	896	0	135,415
Supplemental Power Reserve	1,600	0	0	1,600
Restricted Funds Valuation	(5,222)	0	0	(5,222)
TOTAL CURRENT RESTRICTED ASSETS	227,710	0	1,878	225,832
TOTAL CURRENT ASSETS	332,443	3,204	0	335,648
NON CURRENT ASSETS:				
Net Costs Recoverable From Future Participants Billings	255,540	0	4,071	251,470
Participant Settlement Receivable	45,400	0	0	45,400
Other	13	0	2	11
TOTAL NON CURRENT ASSETS	300,954	0	4,073	296,881
TOTAL ASSETS	\$1,059,341	\$0	\$3,466	\$1,055,875
DEFERRED OUTFLOWS:				
Redemption Loss	\$4,577	\$0	\$59	\$4,518
Losses On Advanced Refunding Of Debt, Net	5,724	0	170	5,555
Postemployment Benefits	(188)	0	0	(188)
TOTAL DEFERRED OUTFLOWS	\$10,113	\$0	\$228	\$9,884

PIEDMONT MUNICIPAL POWER AGENCY
COMPARATIVE STATEMENT OF NET POSITION
AS OF JULY 31, 2024
(DOLLARS IN THOUSANDS)

	<u>LAST MONTH</u>	<u>INCREASE</u>	<u>DECREASE</u>	<u>THIS MONTH</u>
<u>LIABILITIES</u>				
LONG-TERM LIABILITIES:				
Bonds - Including Current Installment	\$454,910	\$0	\$0	\$454,910
Bond Discounts	(56)	4	0	(52)
Bond Premium	41,017	0	651	40,367
CAB	80,330	0	0	80,330
Reserve For Decommissioning	149,266	626	0	149,892
Other Postemployment Benefits	1,639	0	0	1,639
TOTAL LONG-TERM LIABILITIES	727,105	0	21	727,085
CURRENT LIABILITIES:				
Accounts Payable - General (W/C)	0	0	0	0
Accounts Payable - Duke (W/C)	849	4	0	853
Accounts Payable - Other (W/C)	2,562	646	0	3,209
Accrued Expenses - Payroll (W/C)	0	0	0	0
Accrued Expenses - Vacation (W/C)	98	0	0	98
Accrued Expenses - Sick (W/C)	154	0	0	154
Accrued Expenses - Property Taxes (W/C)	5,187	865	0	6,052
Accrued Interest Payable	177,994	0	7,131	170,863
TOTAL CURRENT LIABILITIES	186,845	0	5,616	181,228
TOTAL LIABILITIES	\$913,950	\$0	\$5,637	\$908,313
<u>NET POSITION</u>				
Net Investments In Capital Assets	(\$144,532)	\$0	\$2,121	(\$146,653)
Restricted For Other	1,600	0	0	1,600
Unrestricted	298,436	4,064	0	302,499
TOTAL NET POSITION	\$155,503	\$1,943	\$0	\$157,447
<u>INFORMATIONAL PURPOSES:</u>				
Working Capital	\$75,740	\$0	\$414	\$75,327

PIEDMONT MUNICIPAL POWER AGENCY

FINANCIAL SUMMARY

AS OF JULY 31, 2024

MAJOR DEVIATIONS FROM THE BUDGET WERE:

(In Millions)	JULY VARIANCES		
	\$	%	Comments
Working Capital	\$2.54	85.98%	
Participant Power Sales	\$0.49	2.35%	Higher energy needs compared to budget due to weather
Surplus Sales	(\$0.01)	-6.47%	
Miscellaneous Income/Expense	(\$0.02)	-4.56%	
Interest Income	\$0.03	3.62%	
Catawba Project Costs	\$0.80	9.83%	Lower than budgeted maintenance costs
Supplemental Power Costs	(\$0.11)	-1.87%	
Catawba Capital Additions	\$1.04	35.37%	Timing
PMPA Capital Additions	\$0.48	97.37%	Timing of Laurens Transmission line project
Other	(\$0.15)	-2.23%	Duke Inventory Adjustment

(In Millions)	YEAR-TO-DATE VARIANCES		
	\$	%	Comments
Working Capital	\$6.46	91.33%	
Participant Power Sales	(\$0.14)	-0.10%	
Surplus Sales	\$0.04	0.96%	
Miscellaneous Income/Expense	\$0.31	8.67%	Lower than budgeted Duke fees
Interest Income	\$0.13	2.66%	Higher than budgeted yields, DSR & Dcom
Catawba Project Costs	\$3.12	6.78%	Lower than budgeted G&A, benefit and maintenance costs & McGuire true-up for 2023, Duke expects to finish under budget
Supplemental Power Costs	\$0.53	1.79%	
Catawba Capital Additions	\$2.45	13.49%	Timing, Duke expects to finish on budget
PMPA Capital Additions	\$1.12	78.42%	Timing of Laurens Transmission line project
Other	(\$1.10)	-2.28%	Primarily due to McGuire Exchange annual true-up for 2023

Favorable >2%

Near Budget +/- 2%

Unfavorable < 2%

PIEDMONT MUNICIPAL POWER AGENCY
STATEMENT OF REVENUE & EXPENSE PER THE BOND RESOLUTION
As of July 31, 2024
(DOLLARS IN THOUSANDS)

	CURRENT MONTH			YEAR TO DATE			
	ACTUAL	BUDGET	OVER(UNDER)	ACTUAL	BUDGET	OVER(UNDER)	%
CATAWBA PROJECT:							
CATAWBA POWER SALES							
Participant	\$15,922	\$14,632	\$1,290	\$103,267	\$100,948	\$2,319	2.3%
Duke-Exchange Energy	1,091	1,033	58	5,936	7,125	(1,189)	(16.7%)
Other-Surplus	188	201	(13)	3,908	3,871	37	0.9%
TOTAL	17,201	15,866	1,335	113,110	111,944	1,166	1.0%
CATAWBA POWER COSTS							
Operations & Maintenance	2,684	3,627	(943)	15,028	16,480	(1,452)	(8.8%)
Fuel Amort(Fuel Acct Deposit)	1,269	1,207	62	7,442	7,749	(307)	(4.0%)
Purch Power-Duke-McGuire Cap	21	21	0	143	143	0	(0.2%)
-McGuire Energy	1,120	1,046	74	6,877	7,039	(162)	(2.3%)
Customer Acct and G&A-Duke	826	701	125	4,276	4,905	(629)	(12.8%)
Customer Acct and G&A-Agency	392	535	(143)	2,542	3,003	(461)	(15.3%)
Property Tax Equivalent	854	854	0	5,976	5,975	1	0.0%
Tax Other-Duke	140	110	30	659	770	(111)	(14.5%)
TOTAL	7,305	8,101	(796)	42,943	46,064	(3,121)	(6.8%)
FUNDS AVAILABLE FROM OPERATIONS	9,896	7,765	2,131	70,168	65,880	4,288	6.5%
INTEREST INCOME	830	801	29	5,009	4,879	130	2.7%
MISCELLANEOUS INCOME(EXPENSE)	(527)	(504)	(23)	(3,224)	(3,530)	306	(8.7%)
FUNDS AVAILABLE FOR CAPITAL NEEDS	10,199	8,062	2,137	71,953	67,229	4,724	7.0%
OTHER AVAILABLE FUNDS							
Debt Service-Principal	0	0	0	52,086	52,086	0	0.0%
-Interest	10,145	9,735	410	33,275	32,864	411	1.2%
Fuel	(2,480)	(1,276)	(1,204)	8,857	7,112	1,745	24.5%
DEPOSITS							
Debt Service-Principal	5,547	5,547	0	38,830	38,829	1	0.0%
-Interest	1,623	1,622	1	11,047	11,049	(2)	0.0%
Reserve & Contingency	2,122	717	1,405	14,854	5,019	9,835	196.0%
Decommissioning	896	866	30	6,004	5,880	124	2.1%
Inventory	233	40	193	344	362	(18)	(5.1%)
Supplemental Reserve	7	7	0	49	47	2	4.6%
PAYMENTS							
Debt Service-Principal	0	0	0	52,086	52,086	0	0.0%
-Interest	10,145	9,735	410	33,275	32,864	411	1.2%
Capital Additions	1,900	2,940	(1,040)	15,729	18,182	(2,453)	(13.5%)
Fuel	(2,480)	(1,276)	(1,204)	8,857	7,112	1,745	24.5%
TRANSFERS (TO) FROM							
Reserve & Contingency	2,122	717	1,405	14,854	5,019	9,835	196.0%
Supplemental Reserve	7	7	0	49	47	2	4.6%
Catawba Working Capital	0	(2,953)	2,953	0	(7,073)	7,073	(100.0%)
Supplemental Working Capital	(414)	0	(414)	(612)	0	(612)	0.0%
WORKING CAP INCREASE(DECREASE)	(\$414)	(\$2,953)	\$2,539	(\$612)	(\$7,073)	\$6,461	(91.3%)

PIEDMONT MUNICIPAL POWER AGENCY
STATEMENT OF REVENUE & EXPENSE PER THE BOND RESOLUTION
As of July 31, 2024
(DOLLARS IN THOUSANDS)

	CURRENT MONTH			YEAR TO DATE			
	ACTUAL	BUDGET	OVER(UNDER)	ACTUAL	BUDGET	OVER(UNDER)	%
SUPPLEMENTAL:							
SUPPLEMENTAL POWER SALES							
Participants-Supplemental Power	5,516	6,313	(797)	27,732	30,187	(2,455)	(8.1%)
-Leased Facilities	28	28	0	198	197	1	0.4%
-Other	102	92	10	774	578	196	34.0%
TOTAL	5,646	6,433	(787)	28,704	30,962	(2,258)	(7.3%)
SUPPLEMENTAL POWER COSTS							
Purch Power-Supp Capacity	862	921	(59)	5,751	5,721	30	0.5%
-Supp Energy	2,300	2,189	111	5,054	5,697	(643)	(11.3%)
Purch Power-Participants	1,468	1,491	(23)	9,320	9,576	(256)	(2.7%)
Purch Power-Other	344	232	112	1,584	1,271	313	24.6%
Transmission	893	866	27	5,984	5,776	208	3.6%
Transmission-Agency	0	4	(4)	4	29	(25)	(87.2%)
Leased Facilities-Duke	38	38	0	265	264	1	0.2%
Meter-Agency	0	11	(11)	77	98	(21)	(21.4%)
Customer Acct and G&A-Duke	1	1	0	6	4	2	53.6%
Customer Acct and G&A-Agency	136	178	(42)	914	1,054	(140)	(13.2%)
Property Tax Equivalent	11	11	0	76	76	0	0.3%
TOTAL	6,052	5,942	110	29,036	29,566	(530)	(1.8%)
FUNDS AVAILABLE FROM OPERATIONS	(406)	491	(897)	(332)	1,396	(1,728)	(123.8%)
MISCELLANEOUS INCOME(EXPENSE)	206	235	(29)	640	955	(315)	(33.0%)
FUNDS AVAILABLE FOR CAPITAL NEEDS	(199)	726	(925)	308	2,351	(2,043)	(86.9%)
PAYMENTS							
Debt Service-Interest	202	210	(8)	612	840	(228)	(27.1%)
Reserve & Contingency	0	21	(21)	0	84	(84)	(100.0%)
Capital Additions-Transmission	13	196	(183)	38	958	(920)	(96.0%)
-LDMSS/SCADA	0	77	(77)	123	234	(111)	(47.2%)
-General	0	222	(222)	147	235	(88)	(37.6%)
WORKING CAP INCREASE(DECREASE)	(\$414)	\$0	(\$414)	(\$612)	\$0	(\$612)	0.0%

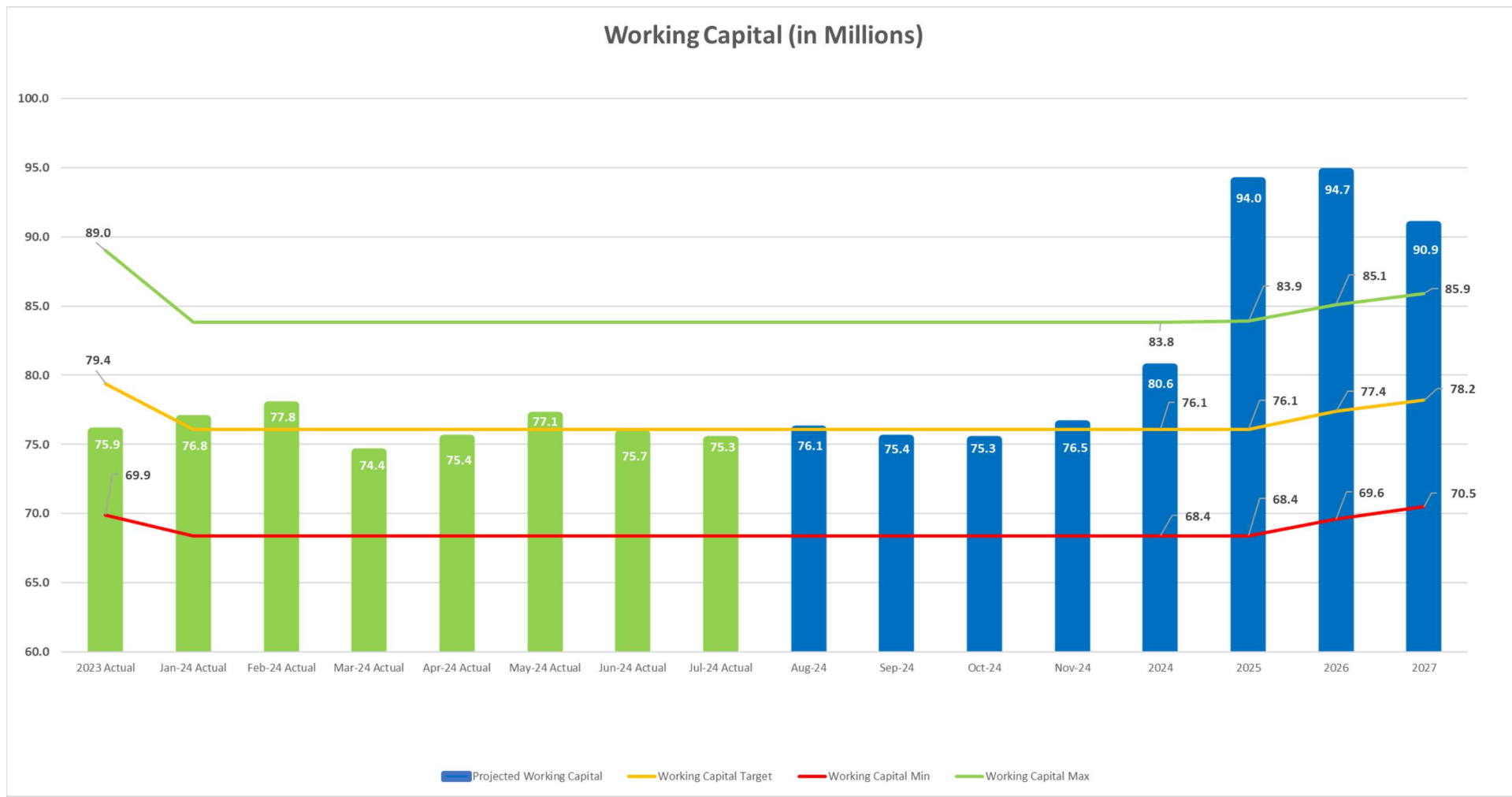
PIEDMONT MUNICIPAL POWER AGENCY STATEMENT OF G&A EXPENSE AS OF JULY 31, 2024

CURRENT MONTH					YEAR TO DATE				% ANNUAL
ACTUAL	BUDGET	OVER(UNDER)	%		ACTUAL	BUDGET	OVER(UNDER)	%	BUDGET
				<u>G&A-OFFICE EXPENSE</u>					
\$122,320	\$141,400	(\$19,080)	(13.5)	Payroll	\$861,544	\$1,006,500	(\$144,956)	(14.4)	46.9
7,398	8,300	(902)	(10.9)	Employer's FICA	65,619	79,800	(14,181)	(17.8)	56.1
16,172	17,600	(1,428)	(8.1)	Medical/Life Insurance	111,159	123,000	(11,841)	(9.6)	52.7
11,728	13,500	(1,772)	(13.1)	401A Plan	87,352	101,500	(14,148)	(13.9)	49.6
2	0	2	0.0	Subscriptions	205	1,200	(995)	(82.9)	10.3
4,991	1,000	3,991	399.1	Dues & Memberships	293,170	327,800	(34,630)	(10.6)	74.6
1,998	2,100	(102)	(4.9)	Utilities	13,634	14,700	(1,066)	(7.3)	54.5
641	1,100	(459)	(41.7)	Telephone	7,367	7,500	(133)	(1.8)	56.7
0	800	(800)	(100.0)	Office Supplies	6,425	5,800	625	10.8	64.3
0	200	(200)	(100.0)	Postage	134	1,100	(966)	(87.8)	6.7
0	800	(800)	(100.0)	Printing	0	1,500	(1,500)	(100.0)	0.0
281	1,200	(919)	(76.6)	Board & Staff Expenses	9,605	12,500	(2,895)	(23.2)	17.2
0	500	(500)	(100.0)	Miscellaneous	2,144	4,700	(2,556)	(54.4)	30.6
591	600	(9)	(1.5)	Equipment Rental	5,137	4,100	1,037	25.3	73.4
1,841	2,200	(359)	(16.3)	Maintenance-Building	52,234	39,600	12,634	31.9	90.1
26,608	19,900	6,708	33.7	Maintenance-Building	52,234	39,600	12,634	31.9	90.1
0	1,500	(1,500)	(100.0)	Travel-Conf/Meetings	146,462	212,500	(66,038)	(31.1)	49.0
1,821	3,400	(1,579)	(46.4)	Travel-Training	0	13,800	(13,800)	(100.0)	0.0
0	0	0	0.0	Travel-Agency	13,142	23,100	(9,958)	(43.1)	32.9
0	0	0	0.0	Worker's Comp Insurance	4,445	6,000	(1,555)	(25.9)	74.1
0	0	0	0.0	Property Insurance	11,024	12,000	(976)	(8.1)	91.9
0	0	0	0.0	Liability Insurance	93,634	178,000	(84,366)	(47.4)	52.6
77,219	80,300	(3,081)	(3.8)	Bank & Rating Agency Fees	106,703	111,800	(5,097)	(4.6)	94.4
0	0	0	0.0	Annual Report	3,007	3,000	7	0.2	100.2
55,826	218,800	(162,974)	(74.5)	Economic Development	227,276	462,000	(234,724)	(50.8)	45.8
8,099	9,300	(1,201)	(12.9)	Telecommunications	58,771	65,300	(6,529)	(10.0)	52.5
0	600	(600)	(100.0)	Maintenance-Telecom	779	4,100	(3,321)	(81.0)	11.1
7,980	14,100	(6,120)	(43.4)	Maintenance-Computer	131,592	152,800	(21,208)	(13.9)	72.7
345,516	539,200	(193,684)	(35.9)	TOTAL G&A OFFICE EXPENSE	2,312,564	2,975,700	(663,136)	(22.3)	52.8
				<u>G&A-OUTSIDE SERVICES</u>					
61,280	70,000	(8,720)	(12.5)	Legal	498,314	490,000	8,314	1.7	59.3
49,158	25,000	24,158	96.6	Engineering	210,718	175,000	35,718	20.4	70.2
0	0	0	0.0	Accounting	65,510	65,000	510	0.8	100.8
54,887	60,300	(5,413)	(9.0)	Financial	131,756	139,100	(7,344)	(5.3)	49.7
0	3,500	(3,500)	(100.0)	Administrative	52,513	24,500	28,013	114.3	125.0
11,457	14,800	(3,343)	(22.6)	Technology	118,173	134,400	(16,227)	(12.1)	60.3
176,782	173,600	3,182	1.8	TOTAL G&A OUTSIDE SERVICES	1,076,984	1,028,000	48,984	4.8	63.1
\$522,298	\$712,800	(\$190,502)	(26.7)	TOTAL OPERATING EXPENSE	\$3,389,548	\$4,003,700	(\$614,152)	(15.3)	55.6
				<u>TRANSMISSION EXPENSE-AGENCY</u>					
\$0	\$4,000	(\$4,000)	(100.0)	Transmission Line Maintenance	\$3,723	\$29,000	(\$25,277)	(87.2)	7.4
0	11,000	(11,000)	(100.0)	Energy Efficiency/DISM	77,048	98,000	(20,952)	(21.4)	57.5
\$0	\$15,000	(\$15,000)	(100.0)	TOTAL XMSN EXPENSE	\$80,771	\$127,000	(\$46,229)	(36.4)	43.9

PIEDMONT MUNICIPAL POWER AGENCY

AS OF JULY 31, 2024

After this month's operations, PMPA had \$75.3 million in working capital, which was \$6.5 million better than the YTD budget.



PIEDMONT MUNICIPAL POWER AGENCY
COMPARATIVE STATEMENT OF NET POSITION
AS OF JUNE 30, 2024
(DOLLARS IN THOUSANDS)

	<u>LAST MONTH</u>	<u>INCREASE</u>	<u>DECREASE</u>	<u>THIS MONTH</u>
ASSETS				
CAPITAL ASSETS, NET:				
Generation	\$329,877	\$16,971	\$0	\$346,848
Transmission	4,190	0	11	4,179
LDMS/SCADA	231	0	11	220
General	417	0	5	412
Nuclear Fuel - In Stock And Progress	18,289	2,983	0	21,272
Nuclear Fuel - In Reactor	24,145	0	1,228	22,918
Construction in Progress	45,139	0	15,043	30,096
TOTAL CAPITAL ASSETS, NET	422,289	3,655	0	425,944
CURRENT UNRESTRICTED ASSETS:				
Cash And Markable Debt Securities (W/C)	65,679	0	601	65,078
Revenue Fund Valuation	(5)	0	2	(7)
Fuel	1,777	0	1,755	22
Participants Accounts Receivable (W/C)	17,446	1,817	0	19,263
Other Accounts Receivable (W/C)	509	0	259	250
Materials & Supplies	20,472	0	345	20,127
TOTAL CURRENT UNRESTRICTED ASSETS	105,878	0	1,145	104,733
CURRENT RESTRICTED ASSETS:				
Debt Service	36,265	7,371	0	43,636
Debt Service Reserve	48,343	0	0	48,343
Reserve and Contingency	4,835	0	0	4,835
Decommissioning	133,658	861	0	134,518
Supplemental Power Reserve	1,600	0	0	1,600
Restricted Funds Valuation	(5,656)	434	0	(5,222)
TOTAL CURRENT RESTRICTED ASSETS	219,043	8,667	0	227,710
TOTAL CURRENT ASSETS	324,921	7,522	0	332,443
NON CURRENT ASSETS:				
Net Costs Recoverable From Future Participants Billings	259,288	0	3,748	255,540
Participant Settlement Receivable	45,000	400	0	45,400
Other	15	0	2	13
TOTAL NON CURRENT ASSETS	304,304	0	3,350	300,954
TOTAL ASSETS	\$1,051,514	\$7,827	\$0	\$1,059,341
DEFERRED OUTFLOWS:				
Redemption Loss	\$4,635	\$0	\$59	\$4,577
Losses On Advanced Refunding Of Debt, Net	5,894	0	170	5,724
Postemployment Benefits	(188)	0	0	(188)
TOTAL DEFERRED OUTFLOWS	\$10,341	\$0	\$228	\$10,113

PIEDMONT MUNICIPAL POWER AGENCY
COMPARATIVE STATEMENT OF NET POSITION
AS OF JUNE 30, 2024
(DOLLARS IN THOUSANDS)

	<u>LAST MONTH</u>	<u>INCREASE</u>	<u>DECREASE</u>	<u>THIS MONTH</u>
<u>LIABILITIES</u>				
LONG-TERM LIABILITIES:				
Bonds - Including Current Installment	\$454,910	\$0	\$0	\$454,910
Bond Discounts	(60)	4	0	(56)
Bond Premium	41,668	0	651	41,017
CAB	80,330	0	0	80,330
Reserve For Decommissioning	148,640	626	0	149,266
Other Postemployment Benefits	1,639	0	0	1,639
TOTAL LONG-TERM LIABILITIES	727,126	0	21	727,105
CURRENT LIABILITIES:				
Accounts Payable - General (W/C)	17	0	17	0
Accounts Payable - Duke (W/C)	877	0	28	849
Accounts Payable - Other (W/C)	1,116	1,446	0	2,562
Accrued Expenses - Payroll (W/C)	0	0	0	0
Accrued Expenses - Vacation (W/C)	98	0	0	98
Accrued Expenses - Sick (W/C)	154	0	0	154
Accrued Expenses - Property Taxes (W/C)	4,322	865	0	5,187
Accrued Interest Payable	175,013	2,981	0	177,994
TOTAL CURRENT LIABILITIES	181,597	5,248	0	186,845
TOTAL LIABILITIES	\$908,723	\$5,227	\$0	\$913,950
<u>NET POSITION</u>				
Net Investments In Capital Assets	(\$148,665)	\$4,132	\$0	(\$144,532)
Restricted For Other	1,600	0	0	1,600
Unrestricted	300,196	0	1,760	298,436
TOTAL NET POSITION	\$153,132	\$2,372	\$0	\$155,503
<u>INFORMATIONAL PURPOSES:</u>				
Working Capital	\$77,050	\$0	\$1,309	\$75,740

PIEDMONT MUNICIPAL POWER AGENCY

FINANCIAL SUMMARY

AS OF JUNE 30, 2024

MAJOR DEVIATIONS FROM THE BUDGET WERE:

(In Millions)	JUNE VARIANCES		
	\$	%	Comments
Working Capital	\$1.21	47.95%	
Participant Power Sales	\$0.46	2.29%	Higher energy needs compared to budget due to weather
Surplus Sales	(\$0.00)	-1.10%	
Miscellaneous Income/Expense	(\$0.05)	-9.70%	
Interest Income	(\$0.02)	-2.96%	
Catawba Project Costs	\$0.21	2.57%	Lower than budgeted G&A & benefits costs
Supplemental Power Costs	\$0.01	0.17%	
Catawba Capital Additions	(\$0.02)	-0.61%	
PMPA Capital Additions	\$0.17	74.03%	Timing of Laurens Transmission line project
Other	\$0.46	6.93%	Duke Inventory Adjustment

(In Millions)	YEAR-TO-DATE VARIANCES		
	\$	%	Comments
Working Capital	\$3.92	94.57%	
Participant Power Sales	(\$0.63)	-0.57%	
Surplus Sales	\$0.05	1.34%	
Miscellaneous Income/Expense	\$0.33	10.91%	Lower than budgeted Duke fees
Interest Income	\$0.10	2.48%	Higher than budgeted yields, DSR & Dcom
Catawba Project Costs	\$2.33	6.13%	Lower than budgeted G&A, benefits costs & McGuire true-up for 2023
Supplemental Power Costs	\$0.64	2.71%	Primarily lower energy needs compared to budget
Catawba Capital Additions	\$1.41	9.27%	Timing
PMPA Capital Additions	\$0.64	68.24%	Timing of Laurens Transmission line project
Other	(\$0.95)	-2.29%	Primarily due to McGuire Exchange annual true-up for 2023

Favorable >2%

Near Budget +/- 2%

Unfavorable < 2%

PIEDMONT MUNICIPAL POWER AGENCY
STATEMENT OF REVENUE & EXPENSE PER THE BOND RESOLUTION
As of June 30, 2024
(DOLLARS IN THOUSANDS)

	CURRENT MONTH			YEAR TO DATE			
	ACTUAL	BUDGET	OVER(UNDER)	ACTUAL	BUDGET	OVER(UNDER)	%
CATAWBA PROJECT:							
CATAWBA POWER SALES							
Participant	\$16,501	\$14,545	\$1,956	\$87,345	\$86,316	\$1,029	1.2%
Duke-Exchange Energy	1,062	991	71	4,845	6,092	(1,247)	(20.5%)
Other-Surplus	361	365	(4)	3,719	3,670	49	1.3%
TOTAL	17,924	15,901	2,023	95,909	96,078	(169)	(0.2%)
CATAWBA POWER COSTS							
Operations & Maintenance	3,532	3,627	(95)	12,344	12,853	(509)	(4.0%)
Fuel Amort(Fuel Acct Deposit)	1,228	1,168	60	6,174	6,542	(368)	(5.6%)
Purch Power-Duke-McGuire Cap	20	20	0	122	122	0	0.0%
-McGuire Energy	1,094	1,060	34	5,757	5,993	(236)	(3.9%)
Customer Acct and G&A-Duke	665	701	(36)	3,450	4,204	(754)	(17.9%)
Customer Acct and G&A-Agency	294	453	(159)	2,150	2,468	(318)	(12.9%)
Property Tax Equivalent	854	853	1	5,122	5,121	1	0.0%
Tax Other-Duke	100	110	(10)	519	660	(141)	(21.4%)
TOTAL	7,787	7,992	(205)	35,637	37,963	(2,326)	(6.1%)
FUNDS AVAILABLE FROM OPERATIONS	10,137	7,909	2,228	60,272	58,115	2,157	3.7%
INTEREST INCOME	753	776	(23)	4,179	4,078	101	2.5%
MISCELLANEOUS INCOME(EXPENSE)	(554)	(505)	(49)	(2,696)	(3,026)	330	(10.9%)
FUNDS AVAILABLE FOR CAPITAL NEEDS	10,336	8,180	2,156	61,755	59,167	2,588	4.4%
OTHER AVAILABLE FUNDS							
Debt Service-Principal	0	0	0	52,086	52,086	0	0.0%
-Interest	0	0	0	23,129	23,129	0	0.0%
Fuel	2,983	964	2,019	11,336	8,388	2,948	35.1%
DEPOSITS							
Debt Service-Principal	5,547	5,547	0	33,282	33,282	0	0.0%
-Interest	1,315	1,314	1	9,425	9,427	(2)	0.0%
Reserve & Contingency	2,122	717	1,405	12,732	4,302	8,430	196.0%
Decommissioning	861	854	7	5,108	5,014	94	1.9%
Inventory	(345)	40	(385)	111	322	(211)	(65.5%)
Supplemental Reserve	7	6	1	42	40	2	4.9%
PAYMENTS							
Debt Service-Principal	0	0	0	52,086	52,086	0	0.0%
-Interest	0	0	0	23,129	23,129	0	0.0%
Capital Additions	2,958	2,940	18	13,829	15,242	(1,413)	(9.3%)
Fuel	2,983	964	2,019	11,336	8,388	2,948	35.1%
TRANSFERS (TO) FROM							
Reserve & Contingency	2,122	717	1,405	12,732	4,302	8,430	196.0%
Supplemental Reserve	7	6	1	42	40	2	4.9%
Catawba Working Capital	0	(2,515)	2,515	0	(4,120)	4,120	(100.0%)
Supplemental Working Capital	(1,309)	0	(1,309)	(199)	0	(199)	0.0%
WORKING CAP INCREASE(DECREASE)	(\$1,309)	(\$2,515)	\$1,206	(\$199)	(\$4,120)	\$3,921	(95.2%)

PIEDMONT MUNICIPAL POWER AGENCY
STATEMENT OF REVENUE & EXPENSE PER THE BOND RESOLUTION
As of June 30, 2024
(DOLLARS IN THOUSANDS)

	CURRENT MONTH			YEAR TO DATE			
	ACTUAL	BUDGET	OVER(UNDER)	ACTUAL	BUDGET	OVER(UNDER)	%
SUPPLEMENTAL:							
SUPPLEMENTAL POWER SALES							
Participants-Supplemental Power	3,834	5,335	(1,501)	22,216	23,874	(1,658)	(6.9%)
-Leased Facilities	28	29	(1)	170	169	1	0.3%
-Other	106	92	14	672	486	186	38.3%
TOTAL	<u>3,967</u>	<u>5,456</u>	<u>(1,489)</u>	<u>23,057</u>	<u>24,529</u>	<u>(1,472)</u>	<u>(6.0%)</u>
SUPPLEMENTAL POWER COSTS							
Purch Power-Supp Capacity	823	800	23	4,889	4,800	89	1.9%
-Supp Energy	1,708	1,756	(48)	2,755	3,508	(753)	(21.5%)
Purch Power-Participants	1,414	1,429	(15)	7,852	8,085	(233)	(2.9%)
Purch Power-Other	239	172	67	1,240	1,039	201	19.4%
Transmission	888	869	19	5,092	4,910	182	3.7%
Transmission-Agency	4	5	(1)	4	25	(21)	(85.1%)
Leased Facilities-Duke	38	38	0	227	226	1	0.3%
Meter-Agency	0	0	0	77	87	(10)	(11.4%)
Customer Acct and G&A-Duke	1	0	1	5	3	2	77.4%
Customer Acct and G&A-Agency	95	151	(56)	779	876	(97)	(11.1%)
Property Tax Equivalent	11	10	1	65	65	0	0.4%
TOTAL	<u>5,221</u>	<u>5,230</u>	<u>(9)</u>	<u>22,984</u>	<u>23,624</u>	<u>(640)</u>	<u>(2.7%)</u>
FUNDS AVAILABLE FROM OPERATIONS	(1,254)	226	(1,480)	73	905	(832)	(91.9%)
MISCELLANEOUS INCOME(EXPENSE)	606	236	370	434	720	(286)	(39.7%)
FUNDS AVAILABLE FOR CAPITAL NEEDS	<u>(647)</u>	<u>462</u>	<u>(1,109)</u>	<u>507</u>	<u>1,625</u>	<u>(1,118)</u>	<u>(68.8%)</u>
PAYMENTS							
Debt Service-Interest	202	210	(8)	410	630	(220)	(34.9%)
Reserve & Contingency	0	21	(21)	0	63	(63)	(100.0%)
Debt Issuance Costs	400	0	400	0	0	0	0.0%
Capital Additions-Transmission	4	152	(148)	26	762	(736)	(96.6%)
-LDMSS/SCADA	56	77	(21)	123	157	(34)	(21.4%)
-General	0	2	(2)	147	13	134	1,027.4%
WORKING CAP INCREASE(DECREASE)	<u>(\$1,309)</u>	<u>\$0</u>	<u>(\$1,309)</u>	<u>(\$199)</u>	<u>\$0</u>	<u>(\$199)</u>	<u>0.0%</u>

PIEDMONT MUNICIPAL POWER AGENCY STATEMENT OF G&A EXPENSE AS OF JUNE 30, 2024

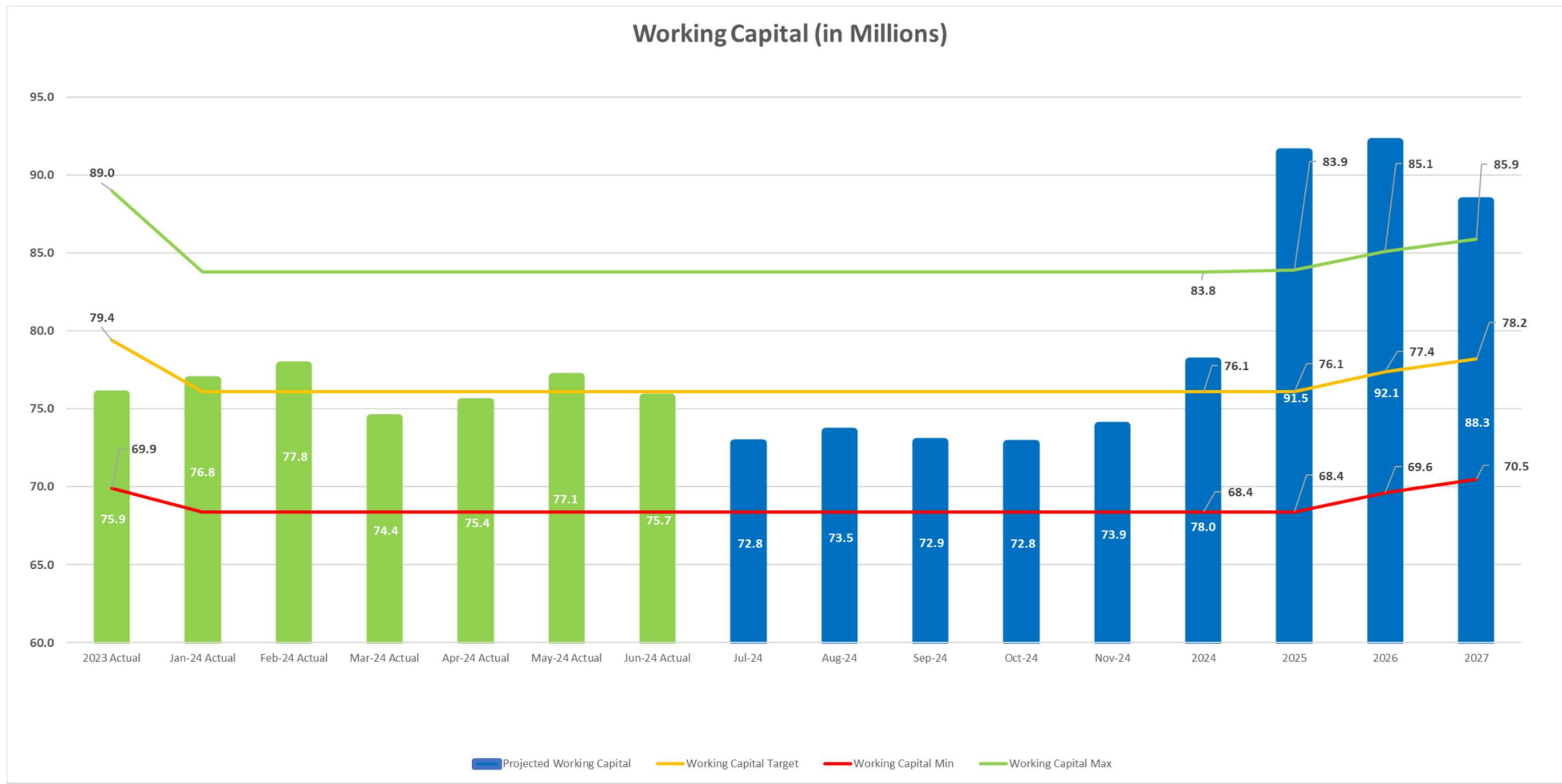
CURRENT MONTH				YEAR TO DATE					
ACTUAL	BUDGET	OVER(UNDER)	%		ACTUAL	BUDGET	OVER(UNDER)	%	% ANNUAL BUDGET
				G&A-OFFICE EXPENSE					
\$120,486	\$141,400	(\$20,914)	(14.8)	Payroll	\$739,224	\$865,100	(\$125,876)	(14.6)	40.2
8,364	11,000	(2,636)	(24.0)	Employer's FICA	58,221	71,500	(13,279)	(18.6)	49.8
16,130	17,500	(1,370)	(7.8)	Medical/Life Insurance	94,987	105,400	(10,413)	(9.9)	45.0
11,655	13,700	(2,045)	(14.9)	401A Plan	75,624	88,000	(12,376)	(14.1)	43.0
192	200	(8)	(4.0)	Subscriptions	203	1,200	(997)	(83.1)	10.2
0	3,300	(3,300)	(100.0)	Dues & Memberships	288,179	326,800	(38,621)	(11.8)	73.3
1,769	2,100	(331)	(15.8)	Utilities	11,637	12,600	(963)	(7.6)	46.5
669	900	(231)	(25.7)	Telephone	6,726	6,400	326	5.1	51.7
319	1,000	(681)	(68.1)	Office Supplies	6,425	5,000	1,425	28.5	64.3
0	100	(100)	(100.0)	Postage	134	900	(766)	(85.1)	6.7
0	100	(100)	(100.0)	Printing	0	700	(700)	(100.0)	0.0
890	1,200	(310)	(25.8)	Board & Staff Expenses	9,324	11,300	(1,976)	(17.5)	16.7
0	400	(400)	(100.0)	Miscellaneous	2,144	4,200	(2,056)	(49.0)	30.6
246	500	(254)	(50.8)	Equipment Rental	4,546	3,500	1,046	29.9	64.9
2,121	2,200	(79)	(3.6)	Maintenance-Building	50,392	37,400	12,992	34.7	86.9
38,942	67,300	(28,358)	(42.1)	Maintenance-Building	50,392	37,400	12,992	34.7	86.9
0	1,500	(1,500)	(100.0)	Travel-Conf/Meetings	119,854	192,600	(72,746)	(37.8)	40.1
1,873	3,000	(1,127)	(37.6)	Travel-Training	0	12,300	(12,300)	(100.0)	0.0
(25)	1,260	(1,285)	(102.0)	Travel-Agency	11,320	19,700	(8,380)	(42.5)	28.3
0	0	0	0.0	Worker's Comp Insurance	4,445	6,000	(1,555)	(25.9)	74.1
83,729	166,000	(82,271)	(49.6)	Property Insurance	11,024	12,000	(976)	(8.1)	91.9
295	200	95	47.5	Liability Insurance	93,634	178,000	(84,366)	(47.4)	52.6
3,007	3,000	7	0.2	Bank & Rating Agency Fees	29,484	31,500	(2,016)	(6.4)	26.1
2,491	40,200	(37,709)	(93.8)	Annual Report	3,007	3,000	7	0.2	100.2
8,048	9,500	(1,452)	(15.3)	Economic Development	171,449	243,200	(71,751)	(29.5)	34.6
779	500	279	55.8	Telecommunications	50,672	56,000	(5,328)	(9.5)	45.2
311	3,800	(3,489)	(91.8)	Maintenance-Telecom	779	3,500	(2,721)	(77.7)	11.1
302,291	491,860	(189,569)	(38.5)	Maintenance-Computer	123,612	138,700	(15,088)	(10.9)	68.3
				TOTAL G&A OFFICE EXPENSE	1,967,046	2,436,500	(469,454)	(19.3)	44.9
				G&A-OUTSIDE SERVICES					
66,958	70,000	(3,042)	(4.3)	Legal	437,033	420,000	17,033	4.1	52.0
(1,330)	25,000	(26,330)	(105.3)	Engineering	161,560	150,000	11,560	7.7	53.9
15,000	0	15,000	0.0	Accounting	65,510	65,000	510	0.8	100.8
0	1,700	(1,700)	(100.0)	Financial	76,869	78,800	(1,931)	(2.5)	29.0
0	3,500	(3,500)	(100.0)	Administrative	52,513	21,000	31,513	150.1	125.0
8,518	12,300	(3,782)	(30.7)	Technology	106,715	119,600	(12,885)	(10.8)	54.4
89,146	112,500	(23,354)	(20.8)	TOTAL G&A OUTSIDE SERVICES	900,200	854,400	45,800	5.4	52.7
\$391,437	\$604,360	(\$212,923)	(35.2)	TOTAL OPERATING EXPENSE	\$2,867,246	\$3,290,900	(\$423,654)	(12.9)	47.1
				TRANSMISSION EXPENSE-AGENCY					
\$3,723	\$5,000	(\$1,277)	(25.5)	Transmission Line Maintenance	\$3,723	\$25,000	(\$21,277)	(85.1)	7.4
0	0	0	0.0	Energy Efficiency/DSM	77,048	87,000	(9,952)	(11.4)	57.5
\$3,723	\$5,000	(\$1,277)	(25.5)	TOTAL XMSN EXPENSE	\$80,771	\$112,000	(\$31,229)	(27.9)	43.9

PIEDMONT MUNICIPAL POWER AGENCY

AS OF JUNE 30, 2024

After this month's operations, PMPA had \$75.7 million in working capital, which was \$3.9 million better than the YTD budget.

Working Capital (in Millions)



Piedmont Municipal Power Agency Second Quarter 2024 Report

Financial Summary

Sales of electricity to other utilities increased by \$672 thousand (22.57%) in the second quarter of 2024 when compared to the second quarter of 2023. Surplus energy sold to third parties drove this increase due to an increase in the rate received for sales, coupled with more energy available to sell during the second quarter of 2024.

Operating and maintenance costs increased by \$1.6 million (29.70%) in the second quarter of 2024 when compared to the second quarter of 2023. This increase was related to the timing of refueling outage costs associated with the Catawba Nuclear plant.

Nuclear fuel amortization costs increased by \$802 thousand (37.70%) in the second quarter of 2024 when compared to the same period in 2023. The length of the second quarter refueling outage in 2024 was less than the length of the second quarter refueling outage in 2023, causing an increase in the number of days nuclear fuel was amortized in the second quarter of 2024 versus the second quarter of 2023.

Purchased power costs increased by \$1.7 million (16.61%) in the second quarter of 2024 when compared to the second quarter of 2023. This increase was driven by a significant increase in the rate paid for supplemental energy purchased, partially offset by a decrease in the quantity purchased.

Interest income improved by \$860 thousand (61.30%) in the second quarter of 2024 when compared to the second quarter of 2023 due to rising interest rates.

Operating revenues were \$779 thousand lower than PMPA's budget, offset by operating costs coming in at \$1.2 million lower than PMPA's budget. Combined with interest income and miscellaneous expenses, the overall operating income for the second quarter was higher than PMPA's budget by \$370 thousand. Capital addition payments coupled with other transfers were \$2.0 million lower than budget. As a result, PMPA added \$2.4 million more than budgeted to working capital for the second quarter of 2024.

PIEDMONT MUNICIPAL POWER AGENCY
INTERIM STATEMENTS OF NET POSITION
JUNE 30, 2024 AND 2023
(DOLLARS IN THOUSANDS)
(UNAUDITED)

<u>Assets</u>	<u>2024</u>	<u>2023</u>
Capital Assets:		
Utility plant assets being depreciated	\$ 798,143	\$ 783,712
Accumulated depreciation and amortization	(402,831)	(405,885)
Total utility plant assets being depreciated, net	<u>395,312</u>	<u>377,827</u>
Utility plant assets not being depreciated	30,632	37,169
Total Capital Assets, net	<u>425,944</u>	<u>414,996</u>
Current Unrestricted Assets:		
Cash	552	735
Marketable debt securities	64,541	71,418
Accrued interest receivable	1	1
Participant accounts receivable	19,263	17,594
Other accounts receivable	249	395
Materials and supplies	20,127	19,871
Total Current Unrestricted Assets	<u>104,733</u>	<u>110,014</u>
Current Restricted Assets:		
Restricted for debt service	95,330	93,013
Restricted for decommissioning	130,780	117,510
Restricted for other	1,600	1,600
Total Current Restricted Assets	<u>227,710</u>	<u>212,123</u>
Total Current Assets	<u>332,443</u>	<u>322,137</u>
Noncurrent Assets:		
Net costs recoverable from future Participant billings	255,540	303,127
Participant settlement receivable	45,400	-
Other	14	41
Total Other Noncurrent Assets	<u>300,954</u>	<u>303,168</u>
Total Assets	<u>\$ 1,059,341</u>	<u>\$ 1,040,301</u>
Deferred Outflows:		
Redemption loss, net	\$ 4,577	\$ 5,341
Losses on advance refunding of debt, net	5,724	8,446
Postemployment benefits	-	463
Total Deferred Outflows	<u>\$ 10,301</u>	<u>\$ 14,250</u>

PIEDMONT MUNICIPAL POWER AGENCY
INTERIM STATEMENTS OF NET POSITION
JUNE 30, 2024 AND 2023
(DOLLARS IN THOUSANDS)
(UNAUDITED)

	2024	2023
<u>Liabilities</u>		
Long-term Liabilities:		
Bonds payable, net	\$ 509,636	\$ 536,308
Reserve for decommissioning	149,266	147,649
Other postemployment benefits	1,639	2,123
Total Long-Term Liabilities	660,541	686,080
Current Liabilities:		
Accounts payable and other accrued liabilities	8,851	6,234
Current Liabilities Payable from Restricted Assets:		
Accrued interest payable	177,994	176,784
Current installments of bonds payable	66,565	52,086
Total Current Liabilities Payable from Restricted Assets	244,559	228,870
Total Current Liabilities	253,410	235,104
Total Liabilities	\$ 913,951	\$ 921,184
Deferred Inflows:		
Postemployment benefits	188	-
<u>Net Position</u>		
Net investments in capital assets	\$ (144,533)	\$ (164,953)
Restricted for other	1,600	1,600
Unrestricted	298,436	296,720
Total Net Position	\$ 155,503	\$ 133,367

PIEDMONT MUNICIPAL POWER AGENCY
INTERIM STATEMENTS OF REVENUES, EXPENSES AND CHANGES IN NET POSITION
QUARTERS ENDED JUNE 30, 2024 AND 2023
(DOLLAR IN THOUSANDS)
(UNAUDITED)

	<u>2024</u>	<u>2023</u>
Operating Revenues:		
Sales of electricity to Participants	\$ 55,925	\$ 53,309
Sales of electricity to other utilities	3,647	2,975
Other	416	318
Total Operating Revenues	<u>59,988</u>	<u>56,602</u>
Operating Expenses:		
Operation and maintenance	7,151	5,513
Nuclear fuel amortization	2,928	2,126
Purchased power	11,844	10,158
Transmission	2,570	1,721
Power delivery	114	141
Administrative and general	3,801	3,789
Depreciation	2,606	2,385
Decommissioning reserve accretion	1,878	1,828
Payments in lieu of property taxes	2,593	2,102
Total Operating Expenses	<u>35,485</u>	<u>29,763</u>
Net Operating Income	<u>24,503</u>	<u>26,839</u>
Other Income (Expense):		
Interest income	2,263	1,403
Net change in fair market value of investments	432	(1,425)
Interest expense	(8,696)	(8,961)
Amortization	1,510	1,553
Other	(932)	(1,276)
Total Other Expenses, Net	<u>(5,423)</u>	<u>(8,706)</u>
Revenues over expenses before deferred items	19,080	18,133
Net decrease in net costs recoverable from future Participant billings	(11,990)	(11,744)
Revenues over expenses	<u>7,090</u>	<u>6,389</u>
Net position at beginning of period	<u>148,413</u>	<u>126,978</u>
Net position at end of period	<u>\$ 155,503</u>	<u>\$ 133,367</u>

PIEDMONT MUNICIPAL POWER AGENCY
INTERIM STATEMENT OF CASH FLOW
QUARTERS ENDED JUNE 30, 2024 AND 2023
(DOLLAR IN THOUSANDS)
(UNAUDITED)

	2024	2023
Cash flows from operating activities:		
Receipts from customers	\$ 61,137	\$ 55,499
Payments for operations and maintenance	(6,957)	(5,701)
Payments for purchased power, transmission, and power delivery	(17,121)	(14,122)
Payments for administration and general	280	(1,897)
Net cash from operating activities	37,339	33,779
Cash flows from investing activities:		
Purchase of investment securities	(106,422)	(98,502)
Proceeds from sales and maturities of investments	73,263	71,644
Interest received on investments	2,384	2,053
Net cash used in investing activities	(30,775)	(24,805)
Cash flows from capital and related financing activities:		
Interest rebate on bonds	307	307
Interest received on settlement debt	404	-
Proceeds from bond issuance	48,330	-
Participant settlement receivable	(45,400)	-
Expenditures for utility plant in service	(4,999)	(3,845)
Expenditures for nuclear fuel	(4,970)	(3,618)
Payment to Duke Energy for other charges	(1,345)	(1,311)
Other	16	42
Net cash used in capital and related financing activities	(7,657)	(8,425)
Net change in cash	(1,093)	549
Cash, beginning of quarter	1,645	186
Cash, end of quarter	\$ 552	\$ 735
Noncash investing and financing activities:		
Loss on sale of investment	\$ (278)	\$ (657)
Amortization expense on discounts and premiums	\$ 1,939	\$ 2,280
Amortization of net redemption loss	\$ (684)	\$ (1,059)
Net change in fair value of investments	\$ 432	\$ (1,425)

PIEDMONT MUNICIPAL POWER AGENCY
INTERIM STATEMENT OF CASH FLOW
QUARTERS ENDED JUNE 30, 2024 AND 2023
(DOLLAR IN THOUSANDS)
(UNAUDITED)

	2024	2023
Reconciliation of net operating income to net cash from operating activities:		
Net operating income	\$ 24,503	\$ 26,839
Adjustments to reconcile net operating income to net cash from operating activities:		
Depreciation	2,606	2,385
Nuclear fuel amortization	2,928	2,126
Decommissioning reserve accretion	1,878	1,828
(Increase) decrease in:		
Participant accounts receivable	(3,262)	(1,041)
Other accounts receivable	4,411	(62)
Materials and supplies	194	(188)
Increase in:		
Accounts payable and other accrued liabilities	4,081	1,892
Net cash from operating activities	\$ 37,339	\$ 33,779

01 AUG 2024

Fitch Affirms Piedmont Muni Power Agency, SC's Electric Refunding Revs at 'A-'; Outlook Negative

Fitch Ratings - Austin - 01 Aug 2024: Fitch Ratings has affirmed Piedmont Municipal Power Agency, SC's (PMPA) the rating on the following electric revenue bonds at 'A-':

--Approximately \$538.836 million electric revenue bonds.

Fitch has also affirmed the Issuer Default Rating (IDR). The IDR was subsequently withdrawn as it is no longer considered relevant to Fitch's coverage.

The Rating Outlook is Negative.

The 'A-' rating reflects Fitch's evaluation of the credit quality of Piedmont Municipal Power Agency's (PMPA) eight largest of its 10 total participants, its take-or-pay contractual obligations related to the electric revenue bonds and Fitch's assessment of PMPA's operating risk as strong. PMPA's long-term Catawba project power sales agreements (PSAs) with its participants provide for a limited 25% step-up on the participant obligations.

Fitch's rating factors a purchaser credit quality (PCQ) assessment of 'bbb', reflecting the midrange credit quality of the weakest PMPA members. Given the Catawba project's contractual framework, the PCQ is assessed at a level commensurate with the weakest member of the PMPA participants, whose payment risk is not mitigated by the 25% step-up provision. The rating also reflects PMPA's operating risk assessment of 'a', which takes into consideration the solid performance of the Catawba facility and the relatively low cost of power, notwithstanding the nuclear concentration risk. PMPA's financial profile is less of a consideration in the final determination of the PMPA rating given the contractual payment framework.

The Negative Outlook reflects the weakened credit fundamentals at certain PMPA members, primarily due to narrowing operating cash flows in recent years. Certain PMPA members have recently implemented substantial rate increases which could improve their financial metrics. Improved fiscal 2024 financial metrics among the weaker PMPA members would lead to an Outlook revision to Stable. However, further weakening of credit fundamentals for member(s) accounting for at least 20% of the entitlement shares would pressure the rating.

Fitch has withdrawn the IDR as it is no longer considered relevant to Fitch's coverage.

SECURITY

The bonds are secured by the net revenues of PMPA, including payments received from each of its 10

participants pursuant to their Catawba project PSAs. Fitch expects payments from the supplemental PSAs to terminate after 2029. However, the Catawba project PSAs will remain in effect and require each participant to pay for their share of Catawba project costs, which includes debt service on the PMPA bonds. The termination of the supplemental PSAs in 2029 consequently does not affect Fitch's rating of the PMPA bonds. The Catawba project PSAs extend through Aug. 1, 2035, past the 2034 maturity date of PMPA's outstanding debt.

KEY RATING DRIVERS

Revenue Defensibility - 'bbb'

Strong Take-or-Pay Contracts with 25% Step-up; Weakened Credit Fundamentals Among Certain Members

Fitch has lowered PMPA's revenue defensibility assessment to 'bbb' from 'a', reflecting the weakening credit fundamentals of certain PMPA members. Fitch's assessment of the purchaser credit quality (PCQ) at 'bbb' uses both Fitch's Portfolio Stress Model (PSM) and Fitch's evaluation of the credit quality of the eight largest participants, representing approximately 95% of the Catawba entitlement share. The Catawba project PSAs are unconditional, take-or-pay obligations and include a step-up provision requiring each participant to purchase only up to 125% of its entitlement share if any participant defaults.

Fitch's PCQ assessment and the final rating are capped by the credit quality of the City of Rock Hill, SC electric system (Rock Hill), PMPA's largest project participant with a 28% entitlement share, since invoking the 125% contract step-up provisions following a Rock Hill default would not be sufficient to cover PMPA's obligations. However, Fitch's PCQ assessment and the final rating are currently constrained by the credit characteristics of other weaker members reviewed by Fitch.

Operating Risk - 'a'

Reliable but Concentrated Power Supply

PMPA's operating risk assessment is driven by its low operating cost burden, which averaged approximately 5.8 cents/kWh during the past five years. Concentration exists in PMPA's power supply, with nuclear generation accounting for more than 91% of the 2023 energy supply, net of the load served by Southeastern Power Administration (SEPA). However, unit exposure to PMPA's owned interest in Catawba unit No. 2 is mitigated by reliability exchange agreements with Duke Energy Carolinas, LLC (DEC) and the co-owners of three other nuclear units DEC operates.

Furthermore, the Catawba project PSAs obligate the participants to pay debt service on the project bonds regardless of whether the project is operating or even operable.

Financial Profile - 'aa'

Very Strong Financial Profile

Fitch expects PMPA's leverage to decline as the agency's debt continues to amortize. The ratio, measured as net adjusted debt to adjusted funds available for debt service was 3.3x in 2023 (fiscal YE Dec. 31). Coverage of full obligations remained over 1.7x during the past five years, and days cash on hand was robust at 275 days at 2023. Fitch views the financial profile favorably, but PMPA's electric revenue bonds' credit quality remains fundamentally tied to PMPA's underlying participants' credit quality. The financial profile is therefore less of a consideration in Fitch's determination of PMPA's final rating.

Asymmetric Additional Risk Considerations

No asymmetric additional risk considerations affected this rating determination.

RATING SENSITIVITIES

Factors that Could, Individually or Collectively, Lead to Negative Rating Action/Downgrade

- A further weakening in the credit quality of PMPA participants resulting in a weaker PCQ assessment;
- Poor operating performance at the Catawba and McGuire nuclear generating units resulting in higher than anticipated wholesale power costs to the members.

Factors that Could, Individually or Collectively, Lead to Positive Rating Action/Upgrade

- Resolution of the Negative Outlook will depend on an improvement in the credit quality — specifically the financial performance — of PMPA's weakest participants.

PROFILE

PMPA is a public agency organized under the laws of the state of South Carolina. Ten South Carolina cities (participants) entered into long-term Catawba project PSAs and supplemental PSAs with PMPA. Under the Catawba project PSAs, each participant pays for its percentage share of the project operating and debt service expenses of PMPA on a take-or-pay basis, payable regardless of whether the Catawba project is operating or not. Payments from participants are considered an operating expense of their electric systems, satisfied ahead of any direct debt service of their electric systems.

PMPA's Catawba project consists of a 25% undivided ownership in the Catawba nuclear unit No. 2, entitling PMPA to approximately 277MW, which is operated by DEC. The risk of an extended outage of any one unit is shared among the four units through various reliability exchanges with the Catawba (units No. 1 and No. 2) and McGuire nuclear projects (units No. 1 and No. 2), providing some protection for the participants against single-unit outage at No. 2. The largest eight PMPA participants include the cities of Rock Hill (28.0%), Easley (13.2%), Newberry (10.5%), Gaffney (10.1%), Union (10.0%), Greer (9.3%), Clinton (7.8%), and Laurens (6.5%), all in South Carolina.

In addition to the Catawba project PSAs, PMPA and the participants signed supplemental PSAs that require PMPA to provide the participants with all-requirements bulk power supply, net of any SEPA

allocations and any energy derived from each participant's generating capacity. PMPA supplies participant supplemental power supplies through an agreement with the South Carolina Public Service Authority (Santee Cooper; A-/Stable). At YE 2019, all 10 PMPA participants provided the required 10-year notice to terminate the supplemental PSAs, and in return, PMPA gave notice to terminate the corresponding agreement with Santee Cooper. The final termination will occur in 2029, but Fitch does not expect it to affect the rating, which continues to be supported by the Catawba project PSAs.

Member Litigation Dispute Settled

In January 2024, PMPA members settled ongoing litigation on the calculation of member bills. The settlement resulted in a \$55 million payment, in aggregate, to the cities of Greer and Rock Hill. The payment was funded with \$10 million of PMPA's working capital and the remaining \$45 million was provided by a loan secured by PMPA on behalf of eight PMPA members (excluding Rock Hill and Greer). These eight PMPA members will be responsible for annual interest-only payments through January 2034 and a final bullet maturity payment in April 2035. The loan payments due by the eight members will be excluded from PMPA's wholesale rates and net costs recoverable from participant billings.

PMPA management estimates the impact of the interest-only payments due on the \$45 million loan could increase annual member billings by up to 2%. While Fitch believes the settlement is a positive development since it provides more certainty to future participant payments, it also results in rate affordability pressure, to the extent the increased rates are passed through to retail customers. Alternatively, an inability or unwillingness to pass through any PMPA wholesale rate increases to retail customers would likely further pressure a member's operating cash.

Sources of Information

In addition to the sources of information identified in Fitch's applicable criteria specified below, this action was informed by information from Lumesis.

REFERENCES FOR SUBSTANTIALLY MATERIAL SOURCE CITED AS KEY DRIVER OF RATING

The principal sources of information used in the analysis are described in the Applicable Criteria.

ESG Considerations

The highest level of ESG credit relevance is a score of '3', unless otherwise disclosed in this section. A score of '3' means ESG issues are credit-neutral or have only a minimal credit impact on the entity, either due to their nature or the way in which they are being managed by the entity. Fitch's ESG Relevance Scores are not inputs in the rating process; they are an observation on the relevance and materiality of ESG factors in the rating decision. For more information on Fitch's ESG Relevance Scores, visit <https://www.fitchratings.com/topics/esp/products/esp-relevance-scores>.

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Rating Actions

ENTITY/DEBT	RATING	RECOVERY	PRIOR
Piedmont Municipal Power Agency (SC)	LT IDR A- 	Affirmed	A- 
LT IDR	WD	Withdrawn	A- 
• Piedmont Municipal Power Agency (SC) LT /Electric System Revenues/ 1 LT	A- 	Affirmed	A- 

RATINGS KEY OUTLOOK WATCH

POSITIVE	⊕	◊
NEGATIVE	⊖	◊
EVOLVING	◊	◆
STABLE	○	

Applicable Criteria

[U.S. Public Power Rating Criteria \(pub.08 Mar 2024\) \(including rating assumption sensitivity\)](#)

[U.S. Public Sector, Revenue-Supported Entities Rating Criteria \(pub.12 Jan 2024\) \(including rating assumption sensitivity\)](#)

Applicable Models

Numbers in parentheses accompanying applicable model(s) contain hyperlinks to criteria providing description of model(s).

Portfolio Stress Model, v1.11.1 (1)

Additional Disclosures

[Solicitation Status](#)

Endorsement Status

Piedmont Municipal Power Agency (SC) EU Endorsed, UK Endorsed

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definitions relating to default. ESMA and the FCA are required to publish historical default rates in a central repository in accordance with Articles 11(2) of Regulation (EC) No 1060/2009 of the European Parliament and of the Council of 16 September 2009 and The Credit Rating Agencies (Amendment etc.) (EU Exit) Regulations 2019 respectively.

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The complete span of best- and worst-case scenario credit ratings for all rating categories ranges from 'AAA' to 'D'. Fitch also provides information on best-case rating upgrade scenarios and worst-case

rating downgrade scenarios (defined as the 99th percentile of rating transitions, measured in each direction) for international credit ratings, based on historical performance. A simple average across asset classes presents best-case upgrades of 4 notches and worst-case downgrades of 8 notches at the 99th percentile. For more details on sector-specific best- and worst-case scenario credit ratings, please see [Best- and Worst-Case Measures](#) under the Rating Performance page on Fitch's website.

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PMPA Load-Side Generation Report

To: Board of Directors and Alternates
From: Mike Frazier *MTF*
Date: July 17, 2024

Santee Cooper called upon PMPA to run the Load-Side Generators on four days in June due to system conditions.

Load-Side Generation Operation during the month of June:

- 15 Jun. – 2:00 p.m. to 8:00 p.m. – 6.00 hrs.
- 25 Jun. – 2:15 p.m. to 5:45 p.m. – 3.50 hrs.
- 26 Jun. – 3:30 p.m. to 5:45 p.m. – 2.25 hrs.

TOTAL – 11.75 Hrs.

TOTAL YTD – 23.50 Hrs.

Load-side generation is called for during times of energy deficiency, adverse system conditions, or high economic energy prices.

Current Load-Side Generators are owned by the City of Clinton, Easley Combined Utilities, Gaffney Board of Public Works, Greer Commission of Public Works, and the City of Rock Hill.



PMPA Load-Side Generation Report

To: Board of Directors and Alternates
 From: Mike Frazier *MTF*
 Date: August 14, 2024

Santee Cooper called upon PMPA to run the Load-Side Generators on four days in July due to system conditions.

Load-Side Generation Operation during the month of July:

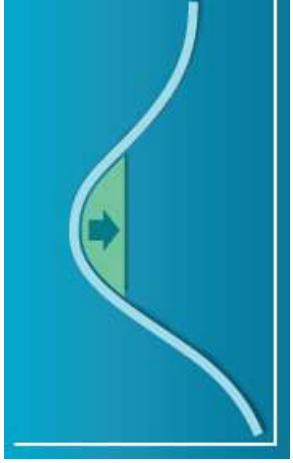
- 4 Jul. – 5:00 p.m. to 8:00 p.m. – 3.00 hrs.
- 5 Jul. – 2:00 p.m. to 8:00 p.m. – 6.00 hrs.
- 8 Jul. – 1:00 p.m. to 2:15 p.m. – 1.25 hrs.
- 23 Jul. – 5:00 p.m. to 7:00 p.m. – 2.00 hrs.

TOTAL – 12.25 Hrs.

TOTAL YTD – 35.75 Hrs.

Load-side generation is called for during times of energy deficiency, adverse system conditions, or high economic energy prices.

Current Load-Side Generators are owned by the City of Clinton, Easley Combined Utilities, Gaffney Board of Public Works, Greer Commission of Public Works, and the City of Rock Hill.



PMPA Demand Response System Report

To: Board of Directors and Alternates
 From: Mike Frazier *MTF*
 Date: July 17, 2024

24 Jun – 2:30 PM to 6:00 PM - 3.50 hrs 26 Jun – 1:30 PM to 6:00 PM - 4.50 hrs
 25 Jun – 3:00 PM to 6:00 PM - 3.00 hrs

TOTAL 11.00 hours

PMPA Monthly Peak¹: 530.0 MW @ Hour Ending 5:00 p.m. on Jun 26th

- ➡ DOES coincide with the Duke Energy Transmission Peak on Jun 26th @ Hour Ending 5:00 p.m.
- ➡ Monthly Maximum GSP Airport Temperature – 99° F on Jun 26th 2

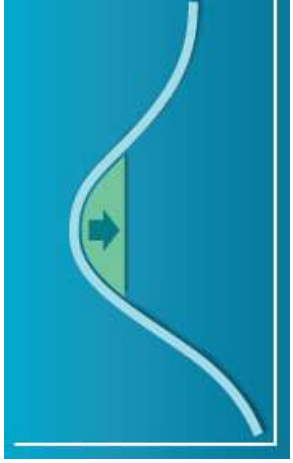
PMPA Total Participant Load ³: 569.1 MW @ Hour Ending 5:00 p.m. on Jun 26th

PMPA Ratchet Quantity: 513.3 MW – based on Aug. 14, 2023 @ HE 5:00 p.m.

All loads are reflected at the transmission level, which includes 2.12% losses as of June 1, 2024.

- ¹ PMPA Monthly Peak – Used by Santee Cooper to determine PMPA’s capacity charge. This peak includes the load served by nine Participants (does not include Union) and generation (added back to the load) produced by the load-side generators. It also does not include Greer CPW’s load served from the leased Laurens EMC delivery points.
- ² June came in like a lion and just kept getting hotter. Temperatures at GSP almost broke 100 degrees in June. This is a far cry from last year’s well below normal June. PMPA demand exceeded its ratchet demand this month, but did not break last year’s peak demand set in August.
- ³ PMPA Total Participant Load – includes load served by all ten Participants including the Greer CPW’s load served from leased Laurens EMC delivery points and generation produced by the load-side generators.

<u>Month</u>	<u>CDD</u>	<u>% of Normal</u>
Jun 2024	390	114
Normal	343	
Jun 2023	224	65



PMPA Demand Response System Report

To: Board of Directors and Alternates
 From: Mike Frazier *MTF*
 Date: August 14, 2024

5 Jul – 2:00 PM to 5:30 PM – 3.50 hrs 15 Jul – 2:30 PM to 6:00 PM – 3.50 hrs
 9 Jul – 2:00 PM to 6:00 PM – 4.00 hrs 16 Jul – 2:00 PM to 5:00 PM – 3.00 hrs
 10 Jul – 3:30 PM to 6:00 PM – 2.50 hrs

TOTAL 16.50 hours

PMPA Monthly Peak¹: 534.6 MW @ Hour Ending 5:00 p.m. on Jul 15th

- ➡ Does NOT coincide with the Duke Energy Transmission Peak on Jul 9th @ Hour Ending 6:00 p.m.
- ➡ Monthly Maximum GSP Airport Temperature – 101° F on Jul 5th ²

PMPA Total Participant Load ³: 573.3 MW @ Hour Ending 5:00 p.m. on Jul 15th

PMPA Ratchet Quantity: 513.3 MW – based on Aug. 14, 2023 @ HE 5:00 p.m.

All loads are reflected at the transmission level, which includes 2.12% losses as of July 1, 2024.

¹ PMPA Monthly Peak – Used by Santee Cooper to determine PMPA’s capacity charge. This peak includes the load served by nine Participants (does not include Union) and generation (added back to the load) produced by the load-side generators. It also does not include Greer CPW’s load served from the leased Laurens EMC delivery points.

² Triple digit temperatures were seen twice in July. PMPA set its peak demand on the second occurrence of triple digit heat. While hotter than normal this year, PMPA has not exceeded its peak demand from 2023. Forecasts continue to show 2024 to have above normal temperatures.

³ PMPA Total Participant Load – includes load served by all ten Participants including the Greer CPW’s load served from leased Laurens EMC delivery points and generation produced by the load-side generators.

<u>Month</u>	<u>CDD</u>	<u>% of Normal</u>
Jul 2024	518	113
Normal	457	
Jul 2023	470	103

ENERGY REPORT*

Piedmont Municipal Power Agency

JUNE, 2024

The Energy Authority (Surplus Energy Sold and Gross Revenue)

0	MWh	\$	N/A	\$ / MWh
1,729	MWh - YTD	65,102	\$ - YTD	37.65
			\$ / MWh - YTD	

Duke Energy (Surplus Energy Sold and Gross Revenue)

8,532	MWh	\$	26.44	\$ / MWh
109,786	MWh-YTD	1,968,222	\$-YTD	17.93
			\$ / MWh - YTD	

Santee Cooper (Surplus Energy Sold and Gross Revenue)

5,795	MWh	\$	28.72	\$ / MWh
64,750	MWh-YTD	1,769,471	\$-YTD	27.33
			\$ / MWh - YTD	

Total Surplus Sales Revenue

391,985	\$	MWh-YTD
3,802,795	\$ - YTD	176,265

Generation Imbalance Charge

(483)	\$
5,742	\$ - YTD

Deviation Band 1 - +/- 1.5% (\$180) Deviation Band 2 - Between +/-1.5% & 7.5% (\$303) Deviation Band 3 - Greater than +/- 7.5% \$0

Energy Imbalance Charge

124	\$
(5,377)	\$ - YTD

Deviation Band 1 - +/- 1.5% (\$119) Deviation Band 2 - Between +/-1.5% & 7.5% \$244 Deviation Band 3 - Greater than +/- 7.5% \$0

Supplemental Energy Purchased

Santee Cooper	TEA Backstand &	Total	MWh
37,229	0	37,229	MWh - YTD
53,090	4,615	57,705	
1,887,453	0	1,887,453	\$
2,602,592	163,705	2,766,297	\$ - YTD
50.70	---	50.70	\$ / MWh
49.02	35.47	47.94	\$ / MWh - YTD

* All MWh are measured at the bus bar (generation level) & Includes energy and transmission costs

ENERGY REPORT*

Piedmont Municipal Power Agency
JULY, 2024

The Energy Authority (Surplus Energy Sold and Gross Revenue)

0	MWh	\$	N/A	\$/MWh
1,729	MWh - YTD	\$ - YTD	37.65	\$/MWh - YTD
0				

Duke Energy (Surplus Energy Sold and Gross Revenue)

2,966	MWh	\$	23.36	\$/MWh
112,752	MWh-YTD	\$-YTD	18.07	\$/MWh - YTD
69,283				

Santee Cooper (Surplus Energy Sold and Gross Revenue)

3,837	MWh	\$	25.63	\$/MWh
68,587	MWh-YTD	\$-YTD	27.77	\$/MWh - YTD
98,329				

Total Surplus Sales Revenue

167,612	\$			
4,007,465	\$ - YTD	183,068	MWh-YTD	

Generation Imbalance Charge

1,145	\$
6,887	\$ - YTD

Deviation Band 1 - +/- 1.5%	Deviation Band 2 - Between +/-1.5% & 7.5%	Deviation Band 3 - Greater than +/- 7.5%
(\$1,046)	\$304	\$1,888

Energy Imbalance Charge

3,580	\$
(1,797)	\$ - YTD

Deviation Band 1 - +/- 1.5%	Deviation Band 2 - Between +/-1.5% & 7.5%	Deviation Band 3 - Greater than +/- 7.5%
\$5,015	(\$309)	(\$1,127)

Supplemental Energy Purchased

Santee Cooper	TEA Backstand ^{&f}	Total	MWh
52,193	0	52,193	MWh - YTD
105,283	4,615	109,898	
2,288,550	0	2,288,550	\$
4,890,985	171,466	5,062,451	\$ - YTD
43.85	---	43.85	\$/MWh
46.46	37.15	46.06	\$/MWh - YTD

* All MWh are measured at the bus bar (generation level) & Includes energy and transmission costs

Catawba and McGuire Report

Since the last Board meeting, Catawba Unit 1, Catawba Unit 2, McGuire Unit 1, and McGuire Unit 2 have operated continuously without any concerns.

McGuire Unit 2 has entered a coast down in power as it prepares for its upcoming refueling outage that starts on September 1. As of August 17, the unit was operating at 97.8% power and will drop approximately 0.4% in power each day until the start of the refueling outage. Duke expects the unit to be operating at 91.7% power when the unit is brought offline for the start of the outage.

<u>July 2024</u>	<u>Capacity Factor</u>	<u>Generation (MWhs)</u>	<u>PMPA's Entitlement (MWhs)</u>
Catawba 1	99.08%	855,071	53,442
Catawba 2	99.97%	855,317	53,457
McGuire 1	100.39%	864,921	52,457
McGuire 2	99.64%	858,416	52,063

Catawba's NRC Regulatory Performance Indicators are currently Green.

On June 24, Catawba received notice from the NRC of an apparent violation and preliminary White Finding (moderate safety significance) associated with a failure to implement measures to maintain the functionality of the Unit 2 emergency diesel generator (EDG) ventilation system. Each EDG (4 total for the station) has two ventilation fans that operate to remove heat from the diesel room while the EDG is in operation. Only one ventilation fan is needed per EDG. If the ambient temperature is low outside (late fall and winter), the EDG can operate for an extended amount of time with no ventilation. The NRC held a Regulatory Conference with Duke on August 7, 2024 to discuss the safety significance of the preliminary White Finding and associated apparent violation of NRC requirements involving the licensee's failure to maintain design control for the emergency diesel generator ventilation system. The NRC intends to issue its final safety significance determination and enforcement decision by September 13, 2024.

2024 Planned Refueling Outages

<u>Unit</u>	<u>Outage Start Date</u>	<u>Budgeted Duration</u>
McGuire 2	September 1	25 Days
Catawba 1	September 27	29 Days

McGuire 2 refueling outage is scheduled to start on September 1 and with budgeted duration of 25 days. During the outage, Duke will be performing the Reactor Vessel Head inspections, nuclear service water pump rebuild, low pressure turbine and generator inspections, maintenance on main generator breaker and the 2B main step up transformer.

SOUTHEAST ENERGY EXCHANGE MARKET ("SEEM")

- 15-minute bilateral market
- Bids and offers matched
- Transmission reservations and e-tags created
- Price is averaged – “split the savings” concept
 - plus, half of net transmission losses
- \$0 Transmission – NFEETS
 - NFEETS: non-firm energy exchange transmission service
 - Lowest priority
 - Financial losses
- Platform matches only
 - Not a clearinghouse
- Continues to use current credit, settlement & invoicing solutions



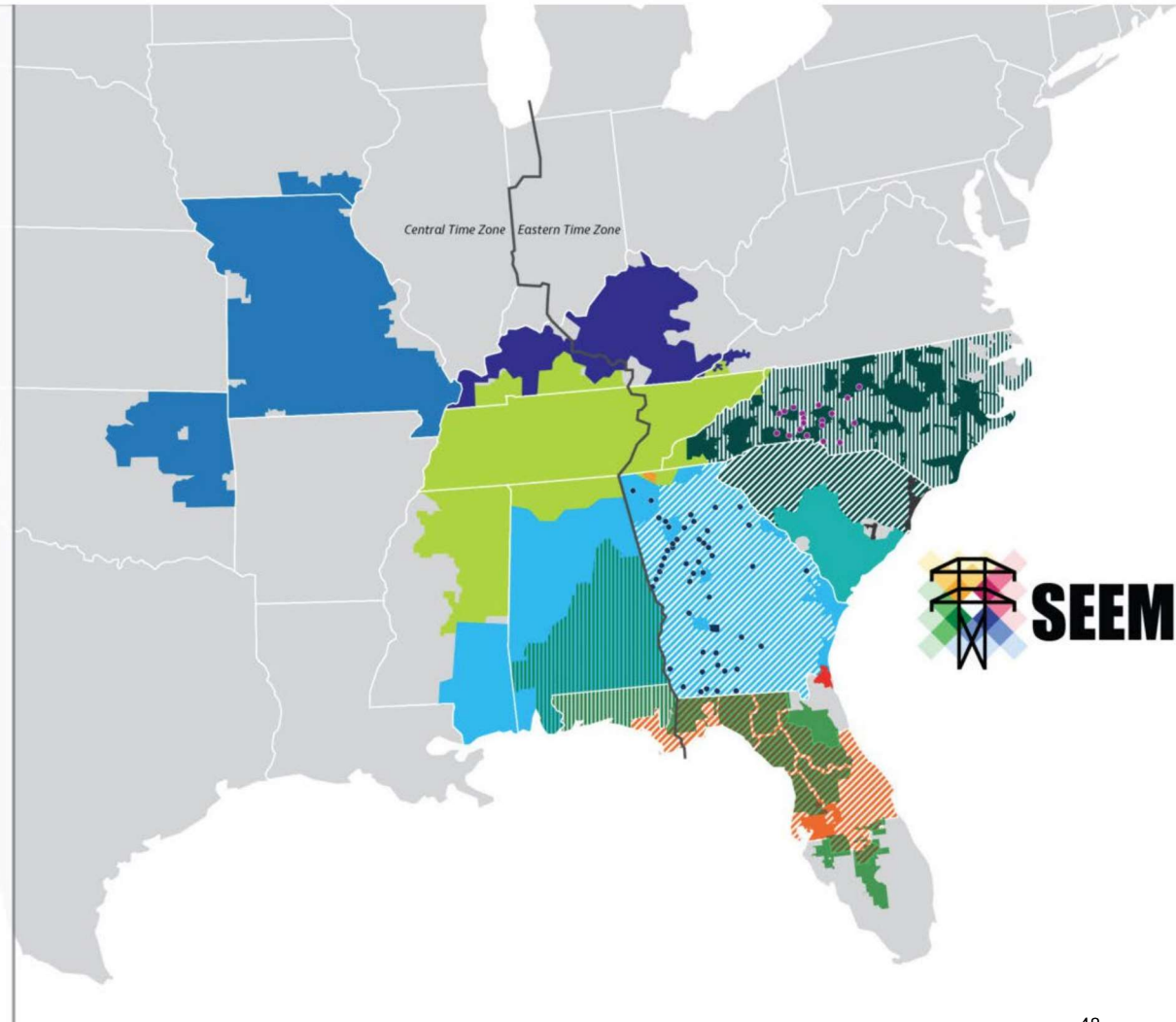
SEEM BACKGROUND

- Positive and proactive market enhancements
- Creates new opportunities without disrupting well-functioning regulatory framework
- Further optimization of existing generation and transmission assets
 - Efficient and cost-effective mid-hour balancing of load and generation
 - Resource risk (loss of unit/run back)
 - Load forecasting risk
- Helps with the integration of future renewable and variable resources
- Leverages geographical diversity of the Southeast EEM
 - Two time zones
 - Over 1,000 miles wide
 - Connects wind and solar zones and large metropolitan “sinks”



Electric Service Territory Map

- Southern Company
- ▨ Georgia Transmission*
- ▨ Oglethorpe Power Corp.*
- Dalton Utilities
- MEAG Power
- TVA
- Associated Electric Cooperative, Inc.
- LG&E and KU Energy LLC
- ▨ PowerSouth - Alabama
- ▨ PowerSouth - Florida
- North Carolina Municipal Power Agency No. 1
- Dominion Energy
- Duke Energy
- Santee Cooper
- ▨ Served by Duke or South Carolina's electric cooperatives
- ▨ North Carolina EMCs
- ▨ Served by Duke Energy or Tampa Electric Company
- Served by Duke Energy or Seminole Electric Cooperative
- JEA



*Oglethorpe Power is a Georgia Transmission member and power supplier that serves the 38 member systems

PMPA can participate in the SEEM through The Energy Authority

Cost to Participate to PMPA:

- \$5,000 set-up charge to TEA
- \$5,000 set-up charge to Hartigen (the SEEM software provider)
- \$0.60/MWh trade fee to TEA – Same as current TEA agreement

Current Surplus Sales Arrangement:

- First 25 MWh offered to Santee Cooper
- TEA makes sales from remaining energy
- Anything leftover goes to Duke

TEA will make SEEM trades from where it sells into the market today.

If TEA improves sales, PMPA will re-evaluate where sales are made.

**PIEDMONT MUNICIPAL POWER AGENCY
JOB DESCRIPTION – JUNE 2024**

**JOB TITLE: NETWORK ADMINISTRATOR
OPERATIONAL TECHNOLOGY DEPARTMENT**

GENERAL STATEMENT OF JOB

This job’s responsibilities fall under both the Information Technology and Operational Technology Departments, and guidance will be provided from both the Manager of Information Technology (IT) and the Manager of Operational Technology (OT). Under limited supervision, is responsible for providing support for IT and OT systems’ functionality and security, responsible for the configuration and installation of new and existing OT systems. The Network Administrator is responsible for reviewing, and assisting in the administration of all service maintenance contracts for hardware and software; provides IT support to member cities, including helpdesk support, server maintenance, or other requests; cooperates with various groups to perform resource planning and assist with the development of architectural standards; assists in the design and management of the IT infrastructure; reports to the Manager of Operational Technology.

SPECIFIC DUTIES AND RESPONSIBILITIES

ESSENTIAL JOB FUNCTIONS

- Responsible for the maintenance, configuration, and reliable operation of computer systems, network servers, and virtualization, including in member cities, as needed.
- Responsible for the maintenance of the PMPA Supervisory Control and Data Acquisition (SCADA) and other OT systems, including equipment located in member cities and remote areas, as needed.
- Install and upgrade computer components and software, manage virtual servers, and integrate automation processes.
- Troubleshoot hardware and software errors by running diagnostics, documenting problems and resolutions, prioritizing problems, and assessing impact of issues.
- Provide documentation and technical specifications to IT/OT staff for planning and implementing new or upgrades of infrastructure.
- Perform or delegate regular backup operations and implement appropriate processes for data protection, disaster recovery, and failover procedures.

NETWORK ADMINISTRATOR

- Assist with desktop and helpdesk support efforts, making sure all desktop applications, workstations, and related equipment problems are resolved in a timely manner with limited disruptions.

ADDITIONAL JOB FUNCTIONS

Performs other related duties as assigned, directed, or required.

MINIMUM TRAINING AND EXPERIENCE

- Associate or Bachelor's degree in Computer Science, Information Technology, System Administration, or a closely related field, or equivalent experience required
- 3-5 years of experience with Linux operations systems. Experience with Red Hat Enterprise Linux (RHEL), Red Hat Satellite, Red Hat Identity Management, and Ansible are a plus.
- 3-5 years of database, network administration, or system administration experience
- Experience with scripting and automation tools, including python and bash
- System administration and IT certifications in Linux, Microsoft, or other network related fields are a plus
- Working knowledge of virtualization, VMWare, or equivalent
- Experience with SQL clusters and Microsoft Exchange Administration
- Strong knowledge of systems and networking software, hardware, and networking protocols
- A proven track record of developing and implementing IT strategy and plans
- Strong knowledge of implementing and effectively developing helpdesk and IT operations best practices, including expert knowledge of security, storage, data protection, and disaster recovery protocols
- Previous experience with SCADA systems, DNP protocol, or Schweitzer Engineering Labs (SEL) Real-Time Automation Controllers (RTAC) are a plus

NETWORK ADMINISTRATOR

MINIMUM QUALIFICATIONS OR STANDARDS REQUIRED TO PERFORM ESSENTIAL JOB FUNCTIONS

Physical Requirements: Must be physically able to operate a variety of computer equipment, machinery and tools including various computers, personal computers, printers, modems, software tools and operating systems, etc. Must be able to exert up to ten pounds of force occasionally and/or a negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects. Sedentary work involves sitting most of the time, but may involve walking or standing for periods of time.

Data Conception: Requires the ability to compare and/or judge the readily observable, functional, structural, or compositional characteristics (whether similar to or divergent from obvious standards) of data, people or things.

Interpersonal Communication: Requires the ability of speaking and/or signaling people to convey or exchange information. Includes receiving assignments and/or directions from immediate supervisor. Includes giving instructions to Operations and Systems Technician.

Language Ability: Requires the ability to read a variety of informational documentation, computer manuals, invoices, proposals, specifications, billing data, definitions, trade journals, and various reports and records. Requires the ability to prepare usage reports, recommendations, print outs, layouts, documentation, etc., using prescribed format and conforming to all rules of punctuation, grammar, diction and style. Must be able to communicate with a variety of individuals and groups both in person and over the telephone involved in computer operation and applications with poise, voice control and confidence.

Intelligence: Requires the ability to apply principles of logical or scientific thinking to define problems, collect data, establish facts, and draw valid conclusions; to interpret an extensive variety of technical instructions in mathematical or diagrammatic form.

Verbal Aptitude: Requires the ability to record and deliver information, to explain procedures, to follow oral and written instructions. Must be able to use and interpret engineering and accounting terminology and language used within the department.

Numerical Aptitude: Requires the ability to utilize mathematical formulas; to add and subtract totals; to multiply and divide; to determine percentages and decimals; to determine time and weight; and to utilize systems of algebra.

Form/Spatial Aptitude: Requires the ability to inspect items for proper length, width, and shape.

Motor Coordination: Requires the ability to coordinate hands and eyes rapidly and accurately in using computer equipment, machinery and software tools and operating systems.

NETWORK ADMINISTRATOR

Manual Dexterity: Requires the ability to handle a variety of items, office equipment, control knobs, switches, etc. Must have minimal levels of eye/hand/foot coordination.

Color Discrimination: Requires the ability to differentiate between colors and shades of color.

Interpersonal Temperament: Requires the ability to deal with people beyond giving and receiving instructions. Must be adaptable to performing under moderate levels of stress when confronted with an emergency.

Physical Communication: Requires the ability to talk and/or hear: (talking - expressing or exchanging ideas by means of spoken words; hearing - perceiving nature of sounds by ear).

PERFORMANCE INDICATORS

Knowledge of Job: Has thorough knowledge of the principles, practices, programs, policies and procedures of the department pertaining to the specific duties of the Network Administrator. Has thorough knowledge of computer applications and operations. Has considerable knowledge of various computer applications including accounting and engineering. Has thorough knowledge of hardware operations and maintenance including wiring, operating systems, system tuning, system development, systems planning, integration and management. Has thorough knowledge of the various operating systems and programs utilized by the Agency including the Billing System and able to manage and maintain the same. Has good working knowledge of data processing, office information systems and computer programming. Is able to install and test new hardware and software packages. Is able to operate, utilize and maintain a variety of computer machinery, equipment, software tools and operating systems. Knows how to prepare and process the required reports, records, forms, documents and related information. Has comprehensive knowledge of the terminology used within the department. Is able to interact and communicate effectively and efficiently with a variety of individuals and groups in a professional and non-abrasive manner. Is able to offer assistance to co-workers and users as required or needed. Has the ability to use independent judgment in planning and controlling activities in routine and non-routine situations. Has the ability to provide lead supervision to others within and without the department. Has the ability to apply principles of synthesis functions, e.g., engineering design, etc. to perform tasks. Is able to learn and apply new skills needed in order to promote efficient completion of duties. Is able to follow specific manufacturer instructions to install and operate various computer systems. Has good organizational, technical and human relations skills.

Quality of Work: Maintains high standards of accuracy in exercising duties and responsibilities. Exercises immediate remedial action to correct any quality deficiencies that occur in areas of responsibility. Maintains high quality communication and interface with all Agency departments and divisions, co-workers and the general public.

NETWORK ADMINISTRATOR

Quantity of Work: Maintains effective and efficient output of all duties and responsibilities as described under "Specific Duties and Responsibilities."

Dependability: Assumes responsibility for doing assigned work and for meeting deadlines. Completes assigned work on or before deadlines in accordance with directives, Agency policy, standards and prescribed procedures. Accepts accountability for meeting assigned responsibilities in the technical, human and conceptual areas.

Attendance: Attends work regularly and on time with a minimum of tardiness and absences and adheres to Agency policies and procedures regarding absences and tardiness. Provides adequate notice to higher management with respect to vacation time and time-off requests.

Initiative and Enthusiasm: Maintains an enthusiastic, self-reliant and self-starting approach to meet job responsibilities and accountabilities. Strives to anticipate work to be done and initiates proper and acceptable direction for the completion of work with a minimum of supervision and instruction.

Judgment: Exercises analytical judgments in areas of responsibility. Identifies problems or situations as they occur and specifies decision objectives. Identifies or assists in identifying alternative solutions to problems or situations. Implements decisions in accordance with prescribed and effective policies and procedures with a minimum of errors. Seeks expert or experienced advice and researches problems, situations and alternatives before exercising judgment.

Cooperation: Accepts supervisory instruction and direction and strives to meet the goals and objectives of the same. Questions such instruction and direction when clarification of results or consequences is justified, i.e., poor communications, variance with Agency policy or procedures, etc. Offers suggestions and recommendations to encourage and improve cooperation between all staff persons and departments within the Agency and within the Member organizations.

Relationships with Others: Shares knowledge with managers, supervisors and staff for mutual, Agency and Member benefit. Contributes to maintaining high morale among all Agency and Member employees. Develops and maintains cooperative and courteous relationships with department employees, staff and managers in other departments, representatives of Members and from other organizations, and the general public so as to maintain good will toward the Agency and to project a good image. Tactfully and effectively handles requests, suggestions and complaints from other departments and persons in order to maintain good will within the Agency. Emphasizes the importance of maintaining a positive image within the Agency. Interfaces effectively with higher management, other professionals, and the general public.

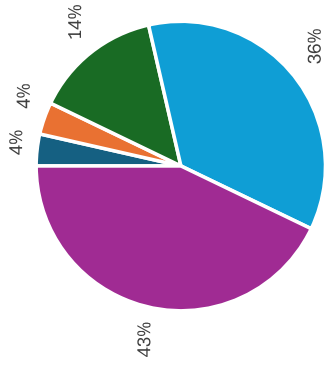
Coordination of Work: Plans and organizes daily work routine. Establishes priorities for the completion of work in accordance with sound time-management methodology. Avoids

NETWORK ADMINISTRATOR

duplication of effort. Estimates expected time of completion of elements of work, and establishes a personal schedule accordingly. Attends meetings, planning sessions and discussions on time. Implements work activity in accordance with priorities and estimated schedules. Maintains a calendar for meetings, deadlines and events.

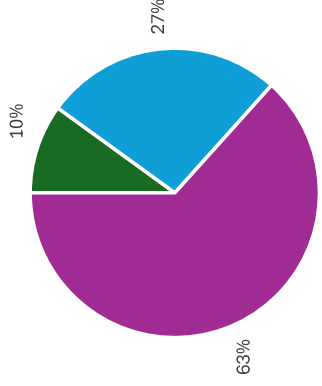
Safety and Housekeeping: Adheres to all safety and housekeeping standards established by the Agency and various regulatory agencies. Sees that the standards are not violated. Maintains a clean and orderly workplace.

Hotel Check-in - 2024



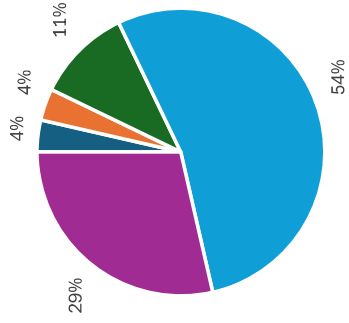
■ 1 = Very Dissatisfied ■ 2 = Dissatisfied ■ 3 = Neutral ■ 4 = Satisfied ■ 5 = Very Satisfied

Hotel Check-in - 2023



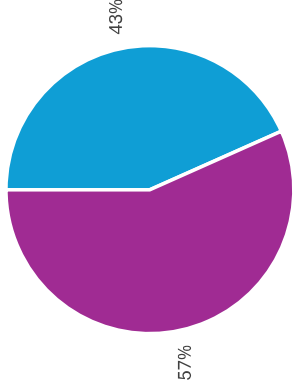
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Hotel Room - 2024



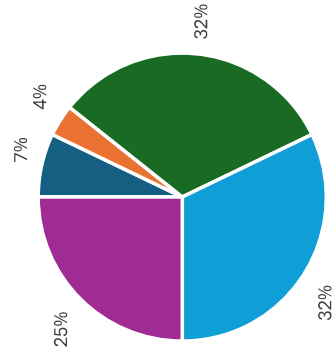
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Hotel Rooms - 2023



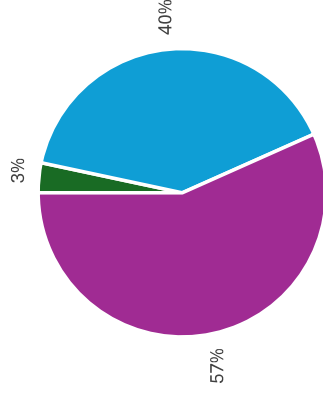
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Meeting Room - 2024



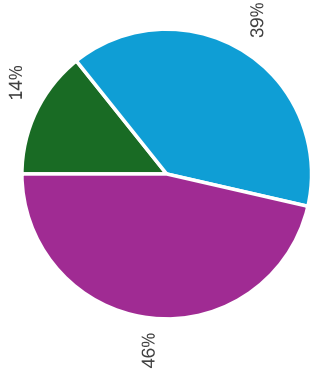
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Meeting Rooms - 2023



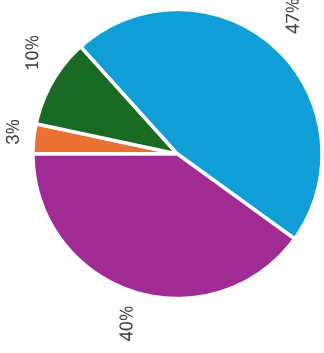
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Meals - 2024



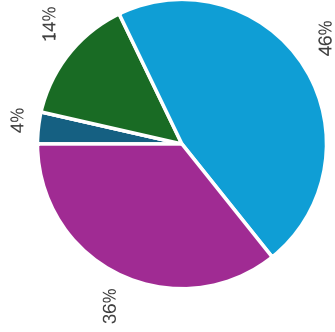
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Meals - 2023



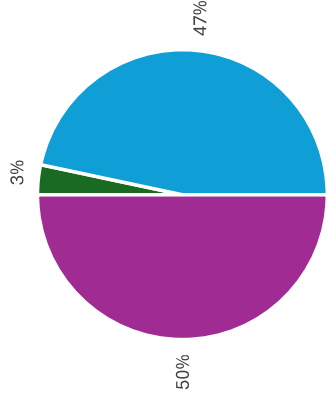
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Overall Service - 2024



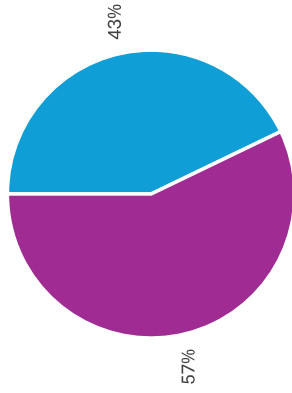
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Overall Service - 2023



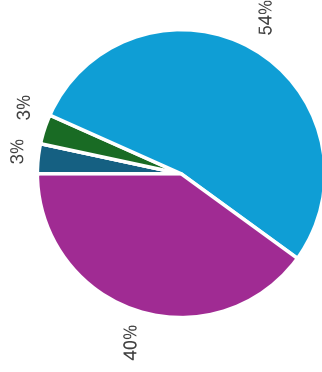
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Conference Schedule - 2024



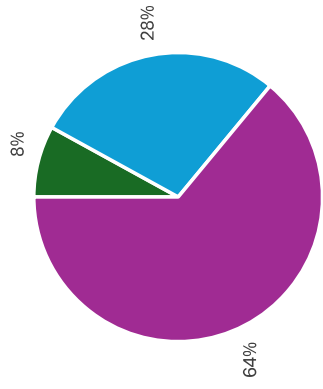
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Conference Schedule - 2023



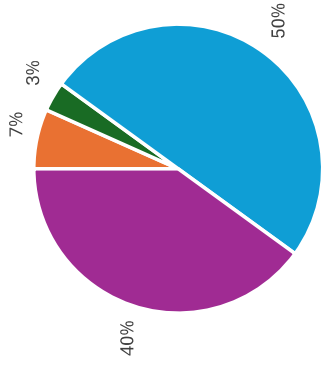
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Quality of Speakers - 2024



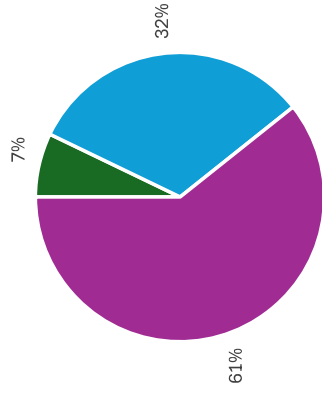
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Quality of Speakers - 2023



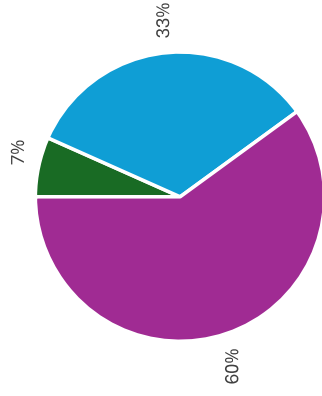
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Overall Conference - 2024



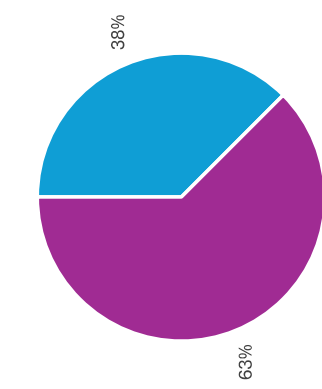
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Overall Conference - 2023



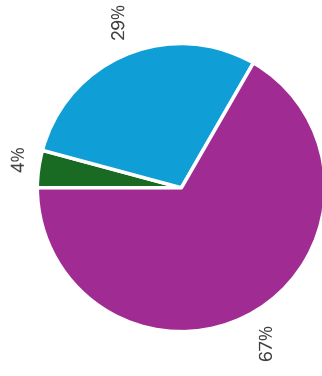
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Online Registration - 2024



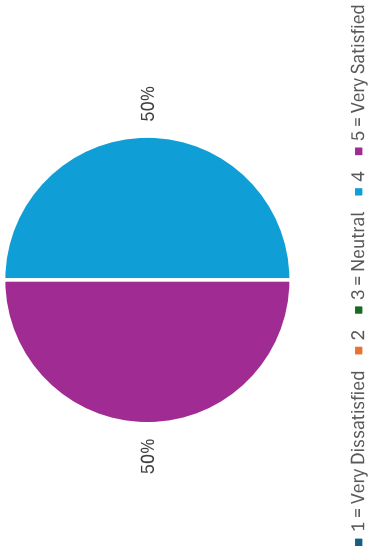
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Online Registration - 2023

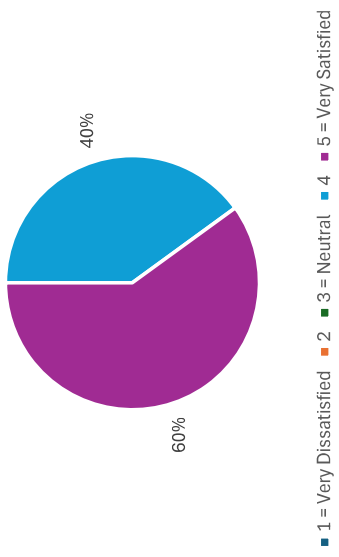


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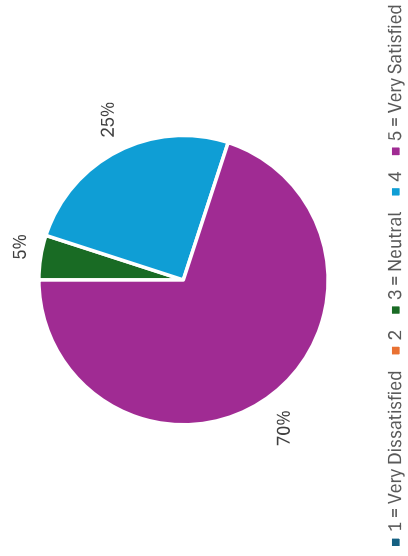
Conference Information Website - 2024



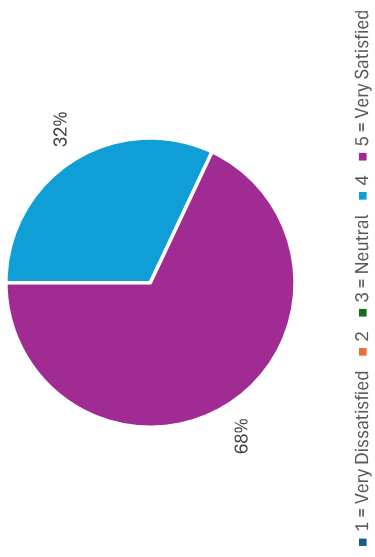
Conference Information Website - 2023



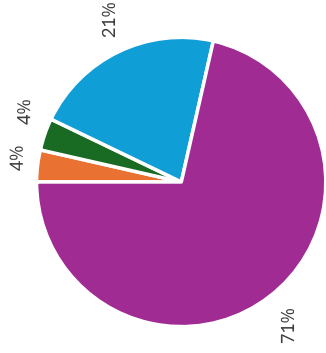
Mobile App - 2024



Mobile App - 2023

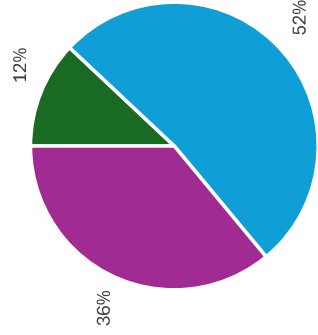


Jimmy Staton - 2024



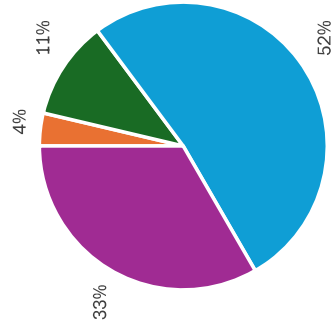
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Scott Corwin - 2024



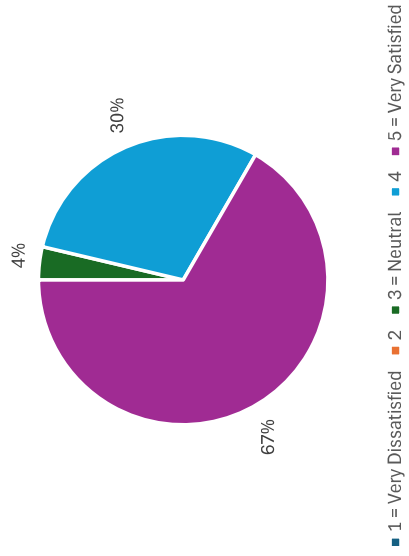
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Lynn Stokes-Murry - 2024

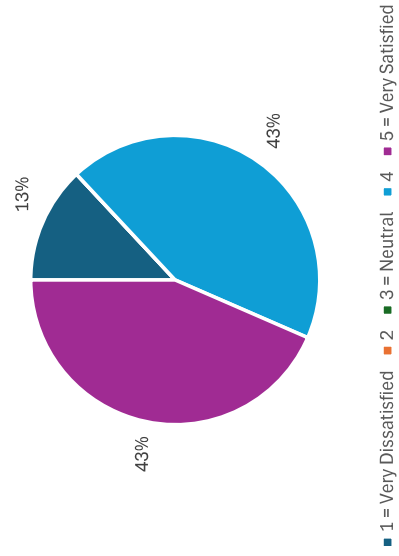


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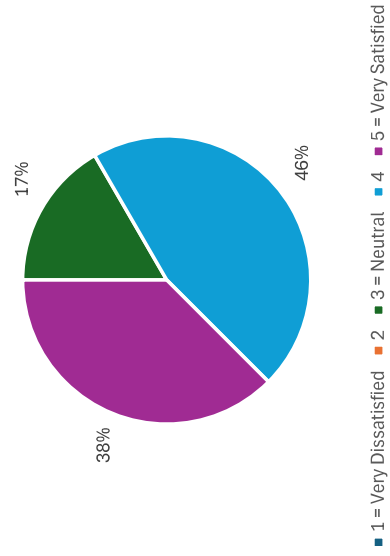
Mike Goodwin - 2024



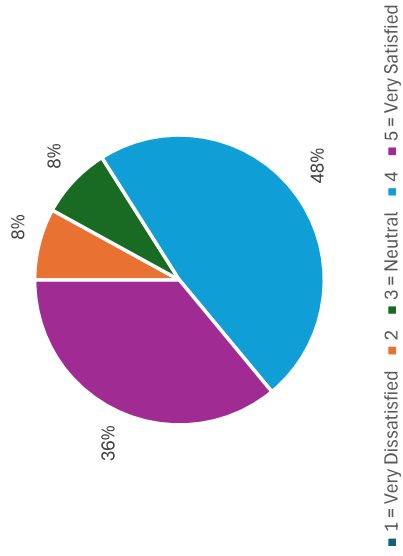
Jack Jacobson - 2024



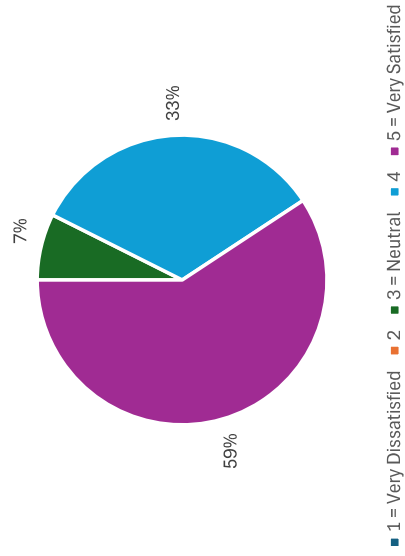
Michael Gehring - 2024



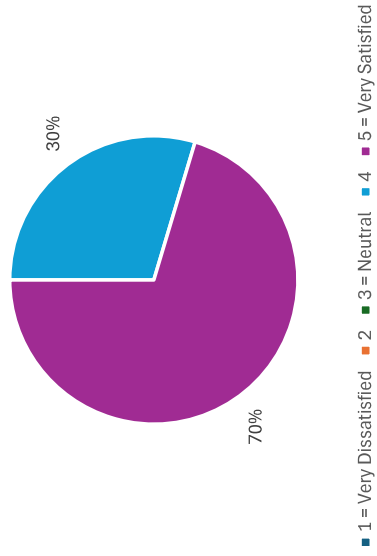
Michael Coe - 2024



Dennis Cameron - 2024



Joel Ledbetter - 2024



Hotel Comments

- Hotel seems to have issues every year due to what appears to be lack of maintenance.
- Check in was chaos.
- Conf. area A/C was not working properly. Fire alarms were going off, loud noises in the hallway from staff moving dishes/glasses. Elevators continue to be a major problem at the Embassy. Always have long wait times and it is hot in the elevators. Is there not a service elevator to the bellman to use? Hotel continues to look dated and poorly maintained. Sliding door to pool area was broken during the entire visit. Housekeeping was good and timely. The cooked to order breakfast was good. Loud music from pool area at early hours of the morning.
- I had trouble hearing the speakers in the meeting room. The meeting room acoustics seemed to be a problem.
- Hotel has been a wonderful experience in the past. There have been issues in the past few years with the conference room and some minor hotel room issues. It is time to look at other options moving forward.
- Great place for the conference
- Despite the AC being out in the meeting room, I think everything was good as usual.
- Beyond the air being out in meeting room, no air at bar. Handle kept coming off door to my bedroom. Could not adjust air in room with thermostat. Had to cut off or be cold. Had it on 71 Thursday night, woke up and it was 64. Elevators so hot you would need a shower before you got to main floor.
- Air never worked right in my room. Temperature was 75-78 entire stay. Room was not clean when we checked in. Didn't get keys at check in until after 5. Very poor experience
- Too hot in the main meeting room.
- Great conference. Great accommodations. Great job Tracy and PMPA staff!!
- Rooms do feel dated.
- Out of amenities, (Kleenex, body wash , glass tops on furniture very smeared, corners in room dirty

Conference Comments

- I was dissatisfied with one of the speaker that spoke as if we were at a Political Convention! I felt his perspective that the Country was not ready for a Black Asian Woman for President was inappropriate and personal.
- Very interesting and informative
- Audio was difficult to hear at times. Several speakers commented on the audio sounding like they were in a well/echo.
- Dennis Cameron's presentations are much better than when Duke would send someone from Catawba.
- Joel and staff did a fantastic job with the conference. The motif for the conference was very well done. I would request the board consider moving the conference to the actual service area of PMPA, or at least moving it adjacent geographically instead of the coast. For municipal members of PMPA, the current time slot for the conference makes it difficult to attend the MASC and SCAMPS conferences. I would request that the board considers moving the conference to early spring or fall to better accommodate scheduling pressures.
- Good conference, great information
- Speakers and topics were spot on this year!
- We need to move to another city and resort location. We have had problems there the last several years
- Maybe a little shorter on Friday but overall it was great.
- Of the various conferences I attend each year in SC, this is always the best one.
- Hats off to everyone who worked so diligently in putting this conference together. Tracey and her staff are extremely helpful and professional.

Speaker Comments

- Overall good speakers and content.
- Dennis Cameron's presentations are much better than when Duke would send someone from Catawba.
- Joel, Dennis, and Jimmy were fantastic.
- The conference itself was very good. Tired of Embassy Suites and their excuses. I'm a longtime Hilton Honors member but, this location is worn out, physically and service wise.

- Really good variety of speakers.
- Jack Jacobson need to be on Fox News. He was very disrespectful when referring to the President as just Biden and Trump as President Trump. He was very bias and negative in some of his comments. You should not be able to determine the speaker political party by his presentation. The energy portion was ok, but too much personal feelings on the federal election side. Consider not having him next year. Also, please look at a more diverse slate of speakers.

Registration & Mobile App Comments

- The swag this year was great! The app has a minor glitch with PowerPoint presentations that requires you to back out of it and then re-load. Not a huge deal, just wanted to make folks aware.
- Just need to be flexible when doing it, or you will get bent out of shape.

Are there any topics you wish had been included that were not covered?

- The data center topic was good but wish the speaker had focused more on the load/service issues instead of cyber/physical security.
- The topics were great.
- I think some legal discussion like SCAMPS used to have we Linda Edward's would be great. We all deal with personnel issues and legal updates would be great.
- Coe's presentation was a missed opportunity to provide more information on data centers. Too little info in data centers.
- Abbeville Hydro-Plant.

Overall, the Conference could be improved by:

- New location if we can find one that fits our size.
- Getting away from the July meeting dates. Spring or fall would be better. Early July is too crowded and excessively expensive for PMPA.
- Change hotel and location.
- Nothing. Great time.
- Slightly more engaging presenters.
- Everything seemed to be clock work.
- By not allowing general elections politic being discussed by speakers

Other comments/suggestions

- Hopefully, the conference theme leaning towards time is running out for securing the supplemental power supply and the CPPSA extensions completed will help push this along.
- Great job!
- Just me, but dinner/entertainment room needs to be closer to rest rooms. Long walk when you drinking and older.
- Thank you for another great conference. Please keep it at Kingston in the future.
- I think it would be helpful to open the Conference with the PMPA Update, especially for first-time attendees. I've been several times now, but I always hear something new or that I have forgotten.
- We enjoyed Crocodile Rocks. Food was really good.
- Hats of to Mr. Ledbetter, Mrs. Tracey and staff for a job well done!



Capacity Market Information Global Trends and Carolinas/Georgia

July 2024



Outline of Material

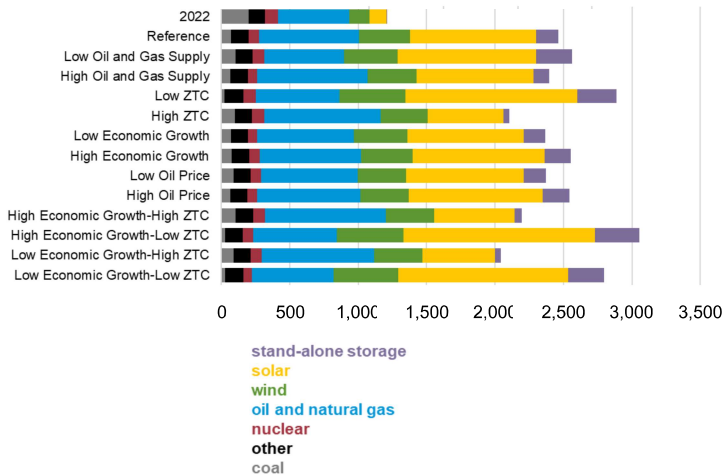
- 1. Global Trends in U.S. Capacity Markets**
2. Regional Integrated Resource Plans (IRPs)
 - Duke Energy Carolinas/Duke Energy Progress
 - Georgia Power
 - Santee Cooper
 - Dominion Energy South Carolina
3. Closing Thoughts



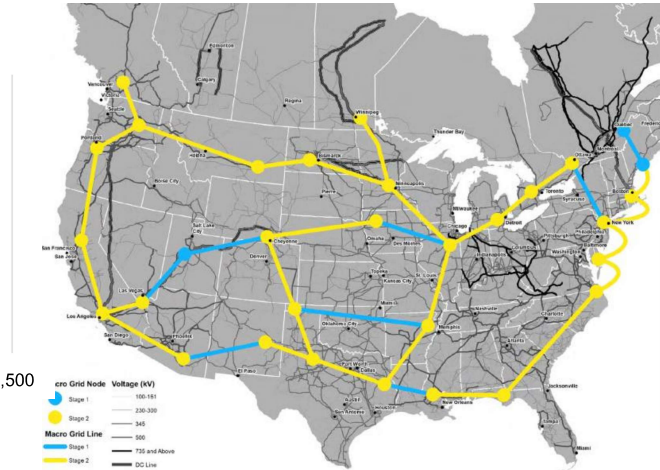
Grid Transition

CLEAN ENERGY TRANSITION

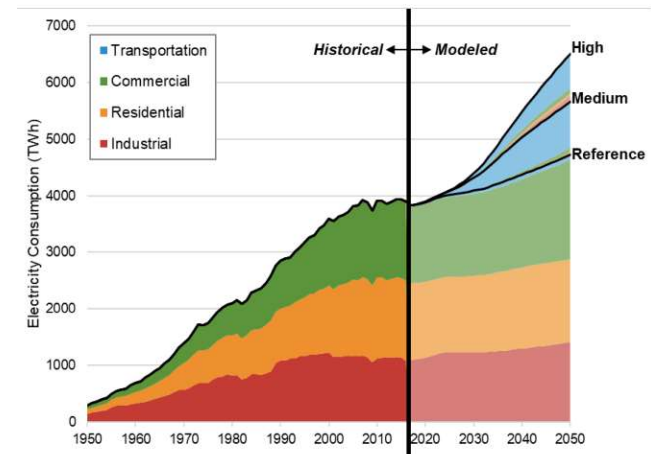
Total installed capacity in all sectors, 2022 (history) and 2050 gigawatts



TRANSMISSION EXPANSION



ELECTRIFICATION

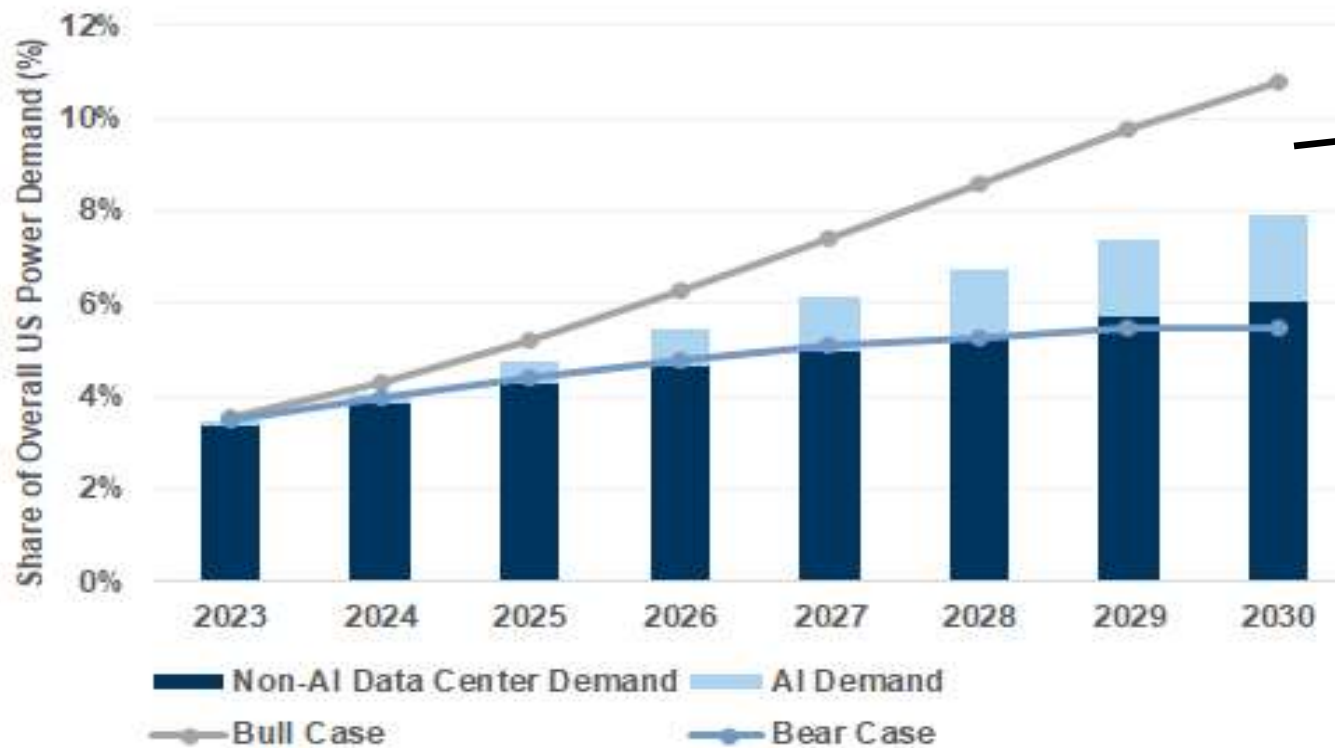


@PublicPowerOrg #PublicPower



Data Centers – Big Driver of Growth

Data center demand as a share of total US power demand, %



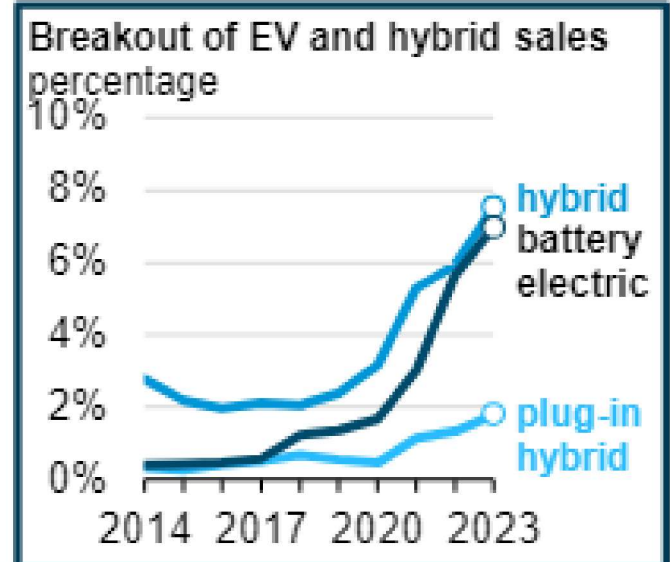
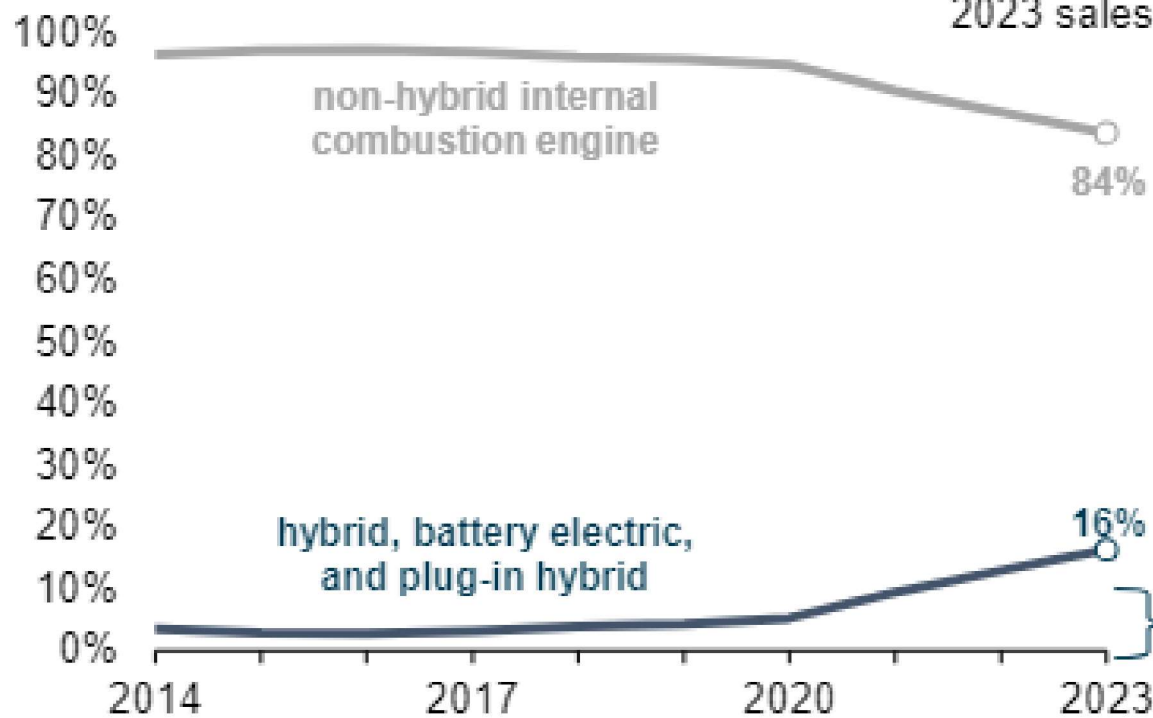
Doubling from 4% of total load in 2024 to 8% in 2030

Source: IEA, Goldman Sachs Global Investment Research, EIA



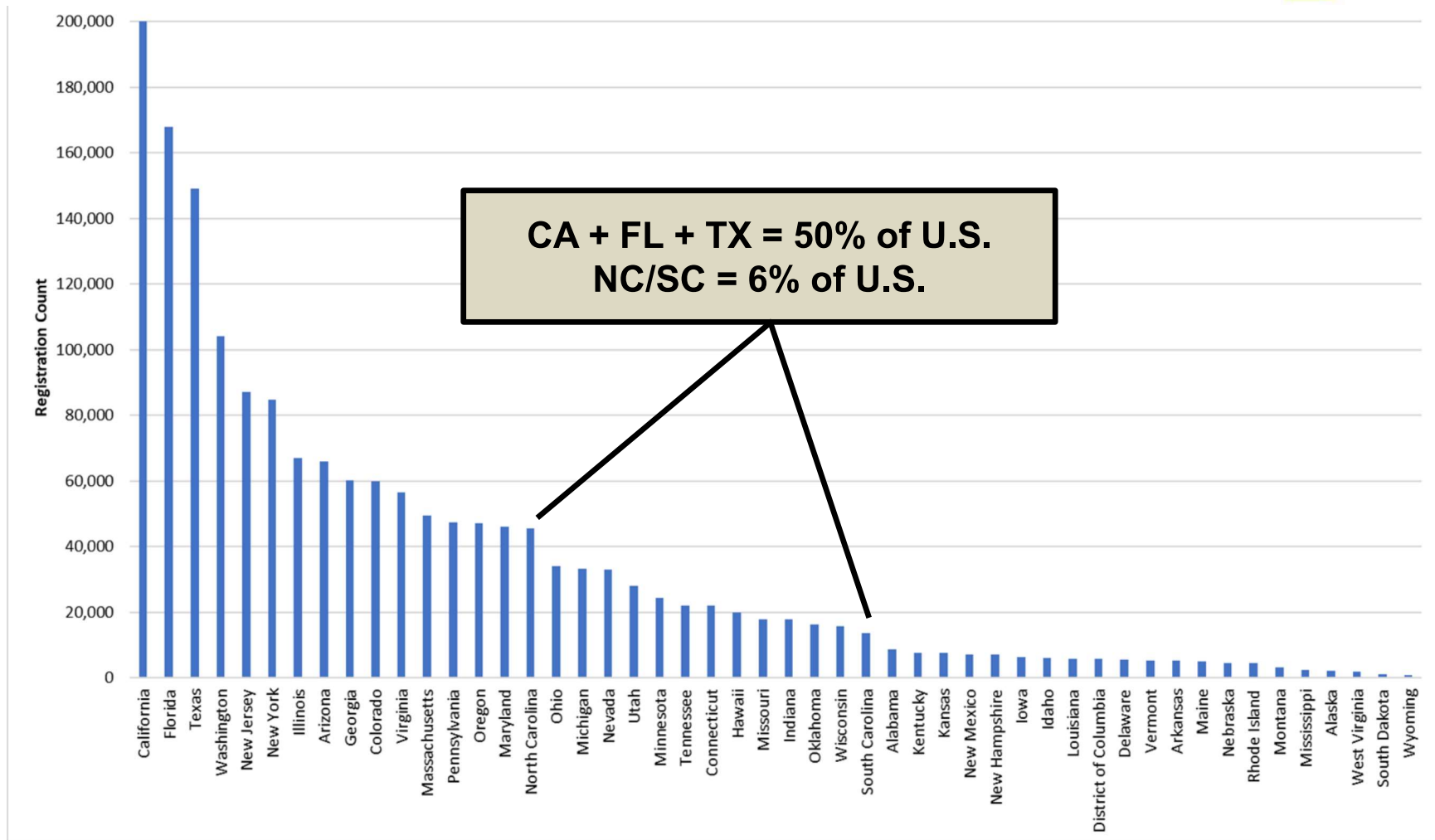
Electric Vehicles = 16% of Market Sales

Annual U.S. light-duty vehicle sales by powertrain (2014–2023)
percentage of sales





Electric Vehicle Registrations by State

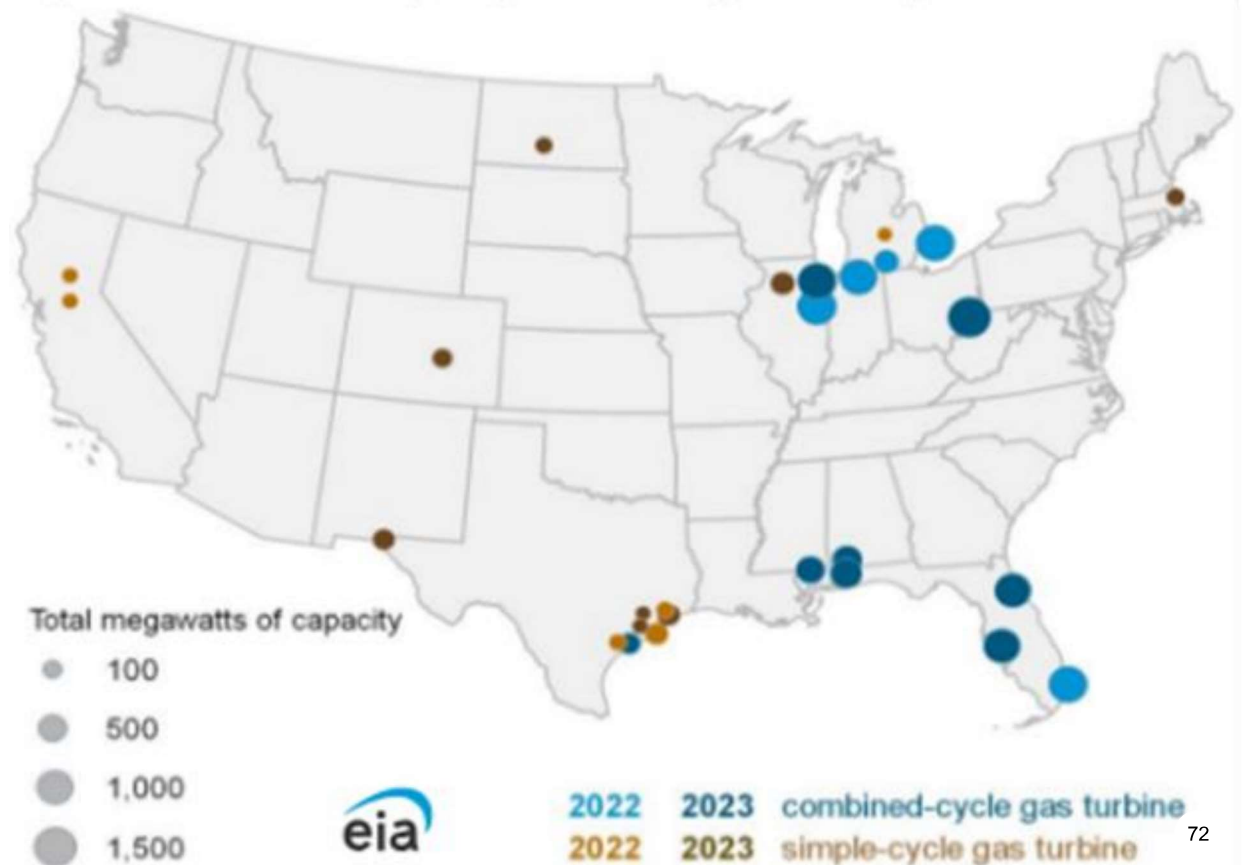


Utilities Adding Fewer Natural Gas Units



- Mostly Solar
 - Some Wind and Batteries

U.S. natural gas-fired electric generation capacity additions, simple-cycle and combined-cycle gas turbines (2022–2023)





Key Takeaways

01

Extreme weather and grid transition have challenged existing resource adequacy planning tools and frameworks

02

Different regions are taking a range of approaches to evolving their Resource Adequacy planning and compliance frameworks, however, there are key trends in reform

03

Reform efforts underway have focused on:

- Moves to more granularity
- Accounting for extreme events and evolving risks in modeling and accreditation



Outline of Material

1. Global Trends in U.S. Capacity Markets
- 2. Regional Integrated Resource Plans (IRPs)**
 - **Duke Energy Carolinas/Duke Energy Progress**
 - Georgia Power
 - Santee Cooper
 - Dominion Energy South Carolina
3. Closing Thoughts



Duke 2023 IRP (DEC & DEP) – Load Forecast

DEC

Table D-21: Projected DEC MWh Peak Demand

YEAR	Load Forecast without Energy Efficiency Programs (at Generation)			Load Forecast with Energy Efficiency Programs (at Generation)		
	SUMMER (MW)	WINTER (MW)	ENERGY (GWh)	SUMMER (MW)	WINTER (MW)	ENERGY (GWh)
2024	18,211	17,597	96,580	18,079	17,510	95,767
2025	18,319	17,699	97,199	18,107	17,527	95,857
2026	18,529	17,893	98,219	18,237	17,631	96,351
2027	18,856	18,185	99,904	18,486	17,832	97,516
2028	19,282	18,612	102,230	18,836	18,129	99,315
2029	19,663	19,038	104,515	19,140	18,490	101,069
2030	20,031	19,349	106,610	19,429	18,718	102,640
2031	20,474	19,785	108,863	19,799	19,076	104,393
2032	20,877	20,228	111,224	20,135	19,448	106,293
2033	21,351	20,615	113,562	20,564	19,788	108,310
2034	21,630	20,865	115,328	20,812	20,006	109,876
2035	21,935	21,181	117,274	21,107	20,299	111,672
2036	22,500	21,467	119,279	21,650	20,568	113,584
2037	22,817	21,812	121,181	21,960	20,910	115,455
2038	23,231	22,147	123,280	22,383	21,255	117,664
Avg. Annual Growth Rate	1.6%	1.5%	1.6%	1.4%	1.3%	1.4%

DEP

Table D-22: Projected DEP MWh Peak Demand

YEAR	Load Forecast without Energy Efficiency Programs (at Generation)			Load Forecast with Energy Efficiency Programs (at Generation)		
	SUMMER (MW)	WINTER (MW)	ENERGY (GWh)	SUMMER (MW)	WINTER (MW)	ENERGY (GWh)
2024	12,954	14,192	65,860	12,874	14,164	65,435
2025	13,214	14,459	67,480	13,080	14,416	66,781
2026	13,397	14,499	68,316	13,210	14,441	67,333
2027	13,637	14,642	69,188	13,397	14,563	67,915
2028	13,824	14,828	70,435	13,549	14,734	68,880
2029	14,011	15,166	71,753	13,668	15,055	69,928
2030	14,391	15,286	73,115	14,001	15,160	71,029
2031	14,689	15,514	74,235	14,254	15,370	71,905
2032	14,912	15,671	75,326	14,439	15,512	72,777
2033	15,159	15,892	76,326	14,660	15,721	73,633
2034	15,196	16,003	77,278	14,682	15,821	74,498
2035	15,333	16,222	78,340	14,804	16,030	75,479
2036	15,576	16,302	79,493	15,037	16,102	76,566
2037	15,773	16,511	80,535	15,224	16,301	77,563
2038	16,040	16,684	81,632	15,495	16,472	78,668
Avg. Annual Growth Rate	1.5%	1.2%	1.5%	1.3%	1.1%	1.3%

Large Load Additions

Table D-11: Adjustments in the Load Forecast for Large Site Developments in MWh

Year	DEC	DEP
2023	139,023	--
2024	711,032	525,627
2025	1,016,318	946,087
2026	1,504,031	1,288,761
2027	2,122,049	1,723,534
2028	2,931,801	2,120,269
2029	3,518,174	2,402,781
2030	4,104,546	2,765,064
2031	4,690,919	2,892,107
2032	5,277,291	2,892,107
2033	5,863,664	2,892,107
2034	5,863,664	2,892,107
2035	5,863,664	2,892,107
2036	5,863,664	2,892,107
2037	5,863,664	2,892,107
Avg. Annual Growth Rate	25.0%	13.0%

Duke 2023 IRP – Reserve Margins & Retirements



■ Planning Reserve Margin

- 22% Winter (Combined DEC/DEP)
- 2023 Resource Adequacy Study
 - Unit outage and winter capacity risk
 - Based on historical outage data during key cold weather events and assumption of less availability of margins from neighboring systems operating with similar planning needs

■ Retirements

P3 Coal Retirements by Year (MW, effective by January 1 of year shown)

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
DEP						1,053		713			1,409		
DEC		426*				760		546	1,318				2,220
TOTAL		426*				1,813		1,259	1,318		1,409		2,220

*Allen Units 1 & 5 are planned to retire by December 31, 2024.



Duke 2023 IRP – Capacity Needs

Figure C-12: DEC First Year of Resource Need (P3 Base)

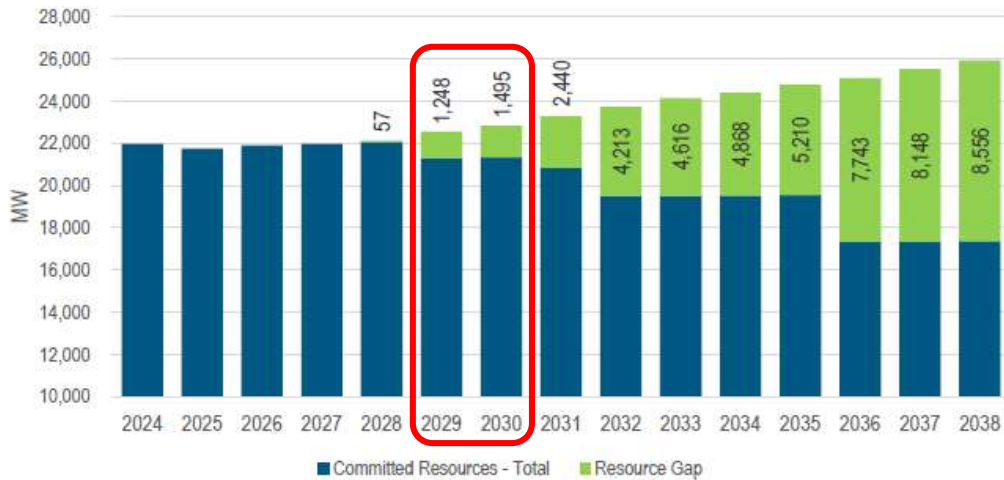


Figure C-13: DEP First Year of Resource Need (P3 Base)

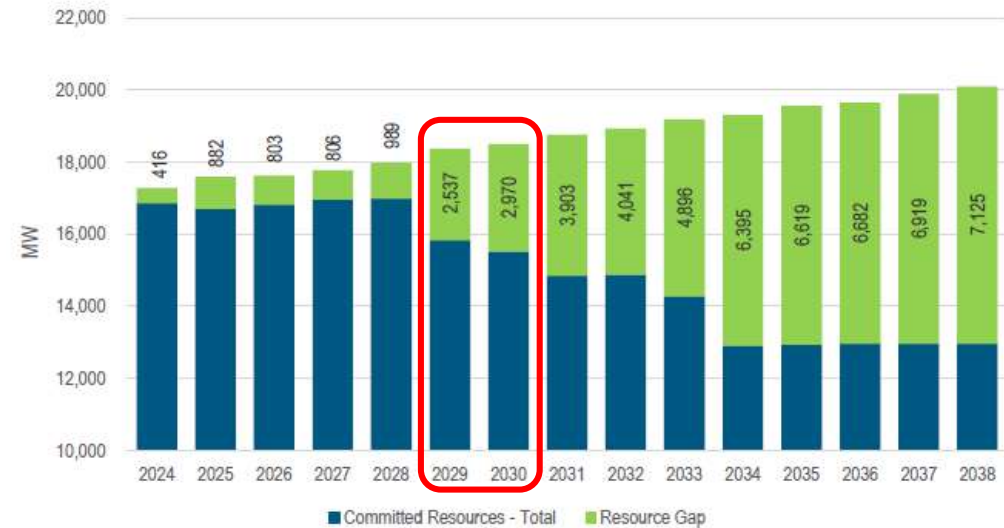


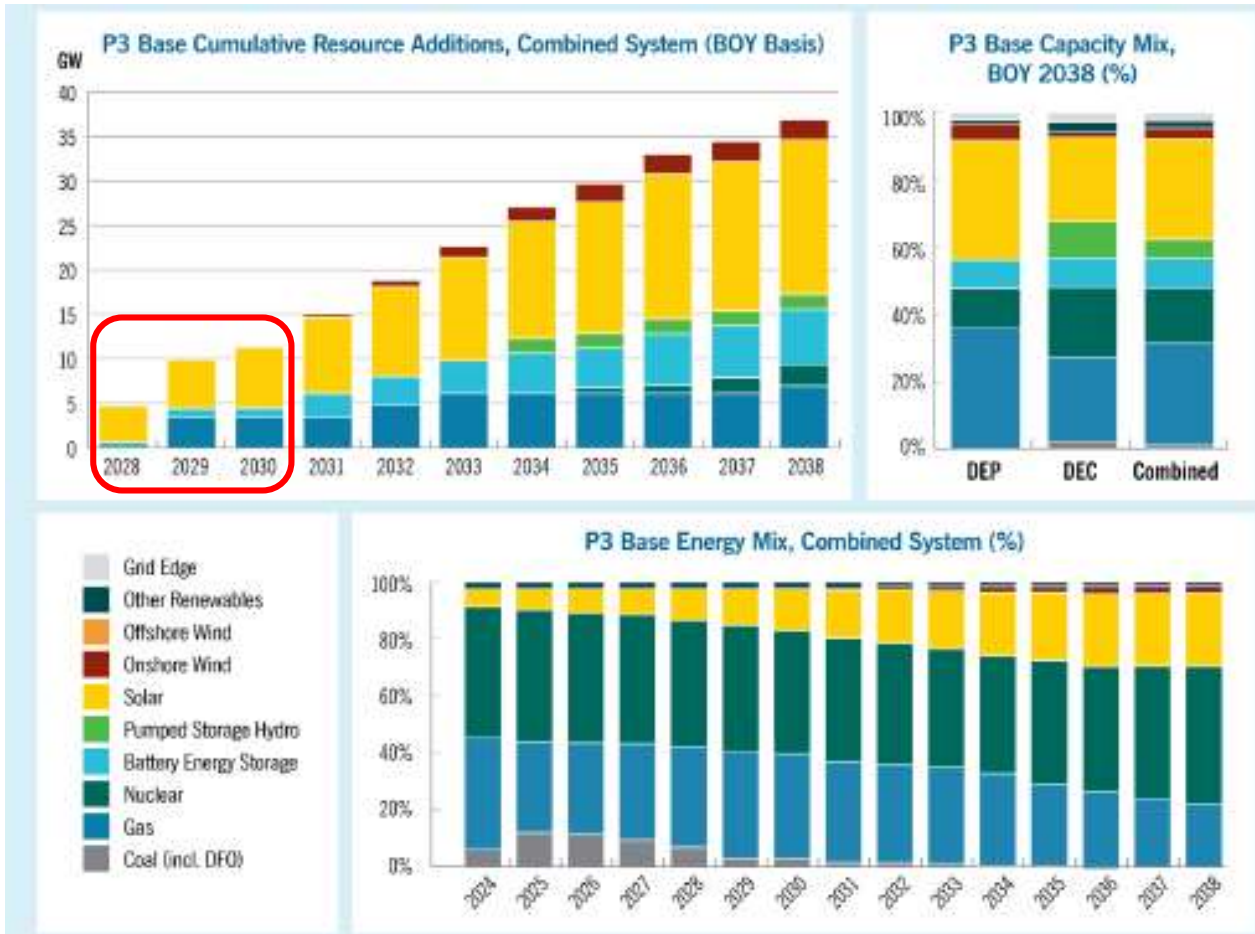
Table C-53: P3 Base – Final DEC Annual Resource Additions and Coal Retirements (MW)

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Coal	-426	0	0	0	0	-760	0	-546	-1,318	0	0	0	-2,220	0	0
Solar	0	0	0	0	525	525	525	675	675	675	675	675	675	525	600
Battery	0	0	0	0	140	140	20	840	540	460	0	0	740	0	420
Onshore Wind	0	0	0	0	0	0	0	0	0	0	0	450	150	0	0
Offshore Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0	0	600	300	600	600
Pumped Storage	0	0	0	0	0	0	0	0	0	0	1,680	0	0	0	0
CC	0	0	0	0	0	0	0	0	1,360	0	0	0	0	0	0
CT	0	0	0	0	0	1,275	0	0	0	0	0	0	0	0	850

Table C-54: P3 Base – Final DEP Annual Resource Additions and Coal Retirements (MW)

	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Coal	0	0	0	0	0	-1,053	0	-713	0	0	-1,409	0	0	0	0
Solar	0	0	0	0	825	825	825	900	900	900	900	900	900	900	0
Battery	0	0	0	0	220	220	0	860	0	0	820	0	600	0	0
Onshore Wind	0	0	0	0	0	0	0	300	450	450	450	0	0	0	0
Offshore Wind	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300
Pumped Storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CC	0	0	0	0	0	1,360	0	0	0	1,360	0	0	0	0	0
CT	0	0	0	0	0	850	0	0	0	0	0	0	0	0	0

Duke 2023 IRP – Combined System Portfolio 3





Outline of Material

1. Global Trends in U.S. Capacity Markets
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Georgia Power 2022/23 IRP – Load Forecast

Increases driven by state's economic growth: +30% (2029)

Figure 3: Georgia Power Projected Winter Peak Demand

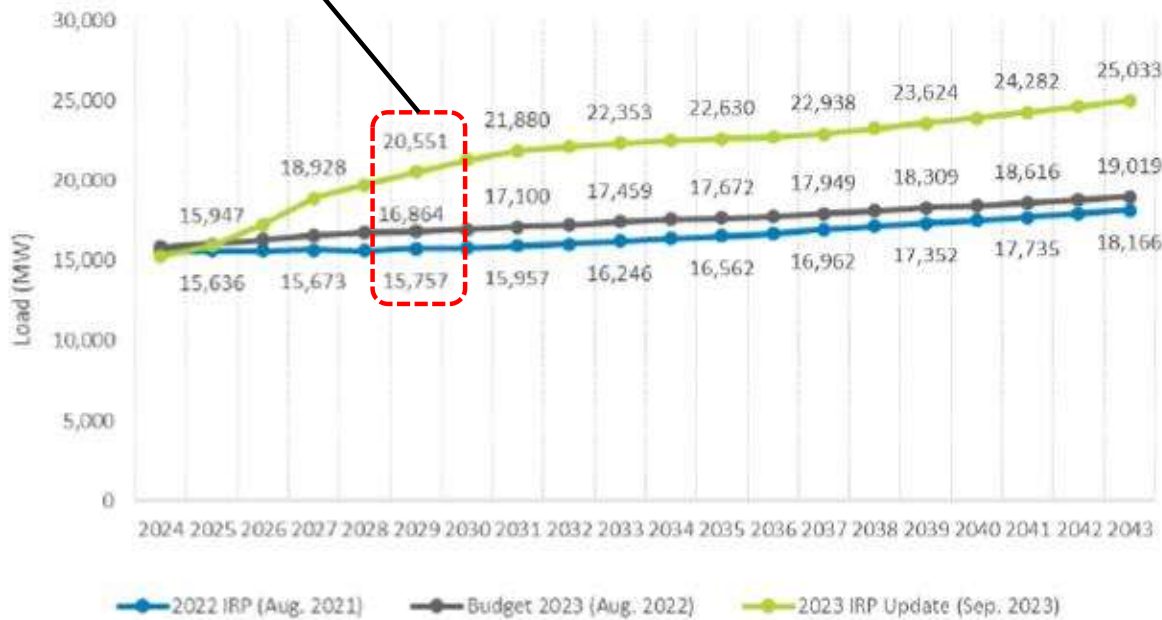
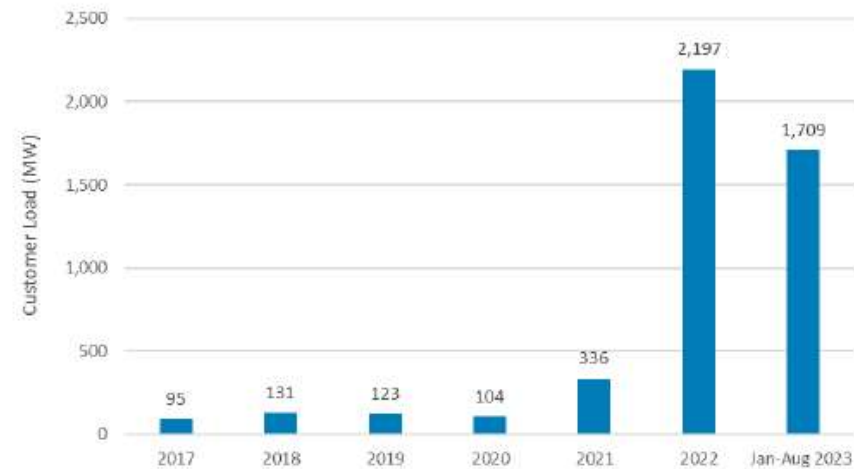


Figure 2: New Large Load Customers Selecting Georgia Power by Year





Georgia Power 2022/23 IRP – Capacity Needs

Figure 4: Georgia Power Winter Capacity Needs

Year	(1) 2022 IRP	(2) Budget 2023	(3) 2023 IRP Update
2023/2024	(974)	(801)	(964)
2024/2025	(1,608)	(1,297)	(1,352)
2025/2026	(1,651)	(953)	175
2026/2027	(1,740)	(1,141)	1,875
2027/2028	(570)	(1,201)	2,601
2028/2029	1,034	1,972	4,807
2029/2030	1,467	2,102	5,774
2030/2031	3,723	4,329	8,487
2031/2032	3,847	4,803	8,776
2032/2033	4,140	5,093	9,059
2033/2034	4,332	5,236	9,228
2034/2035	6,941	7,758	11,340
2035/2036	9,462	10,307	15,643
2036/2037	9,801	10,596	15,924
2037/2038	10,409	10,991	16,624
2038/2039	11,097	11,667	17,083
2039/2040	12,037	12,573	17,820
2040/2041	12,513	12,999	18,285
2041/2042	12,770	13,246	18,739
2042/2043	13,057	13,509	19,229

Capacity Need 3 Years
Earlier than 2022 IRP

Additional ~4,000 MW
need by 2029/30

- Planning Reserve Margins
 - 26% Winter
 - 16% Summer
- Retirements
 - 2,100 MW coal (by 12/31/2028)
- 2023 IRP Update
 - Driven by significant increase in energy needs as a result of significant economic growth
 - Updated load forecast: increased and accelerated demand for electricity
 - Decreased supply of existing capacity available in the market

Notes:

- “Winter” includes December, January, and February. Therefore, the timing of a winter need splits two calendar years, which is why the Year column in the needs chart references two calendar years. For example, the reference to 2026/2027 includes December 2026 and January and February 2027.
- Negative values in black text indicate capacity above target reserve margin; positive values in red text indicate a need to add capacity; units are MW.
- In addition to other changes, the three columns above differ with regard to their Plant Bowen Units 1-2 retirement assumptions. Specifically, column (1) assumes retirement at the end of 2027, column (2) the end of 2028, and column (3) the end of 2035.
- Columns (2&3) account for the approved capacity resources and procurements from the 2022 IRP, except the capacity equivalence of battery energy storage from the 500 MW ESS RFP has been removed from (2&3) and the All-Source RFP is not included in order to show total capacity procurement needs.



Georgia Power 2022/23 IRP – Additions

- 2022 IRP
 - 2,350 MW of Power Purchase Agreements (PPAs) with Southern
 - CC and CT (10 to 15-year terms generally over 2025-2039)
 - 2,100 MW utility scale renewables (by 2029)
- 2023 IRP Update (beyond 2022 IRP additions)
 - 1,000 MWs of PPAs (2024-28)
 - 400 MW of battery energy storage systems (BESS) {up to 1,000 MW}
 - 1,000 to 1,400 MW of CTs at existing sites (2026/27)
 - Plan to pursue acquisition of existing resource in Southern Co. footprint



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Santee Cooper 2023 IRP – Load Forecast



- Based on June 2022 load forecast

Table 2. Forecasted System Energy Sales (GWh)

Year	Base Case					High Case Total	Low Case Total
	Distribution	Industrial	Central	Municipal & Off System	Total		
2023	4,209	6,434	16,141	915	27,699	31,247	24,231
2024	4,248	6,472	16,599	686	28,005	31,704	24,438
2025	4,282	6,531	16,506	605	27,924	31,751	24,113
2026	4,322	6,531	16,616	533	28,002	31,964	24,089
2027	4,367	6,531	16,735	447	28,080	32,178	24,060
2028	4,416	6,531	16,897	463*	28,307	32,544	24,173
2029	4,469	6,531	16,989	214	28,203	32,573	23,953
2030	4,518	6,531	17,102	197	28,348	32,870	23,986
2031	4,569	6,531	17,142	199	28,441	33,124	23,965
2032	4,621	6,531	17,294	200	28,646	33,505	24,056
2033	4,674	6,531	17,356	201	28,762	33,809	24,065
2034	4,728	6,531	17,468	203	28,930	34,190	24,115
2035	4,784	6,531	17,584	204	29,103	34,593	24,163
2036	4,840	6,531	17,753	206	29,330	35,051	24,266
2037	4,898	6,531	17,837	207	29,473	35,427	24,285
2038	4,957	6,531	17,969	209	29,666	35,872	24,358
2039	5,017	6,531	18,108	210	29,866	36,325	24,436
2040	5,072	6,531	18,288	212	30,103	36,839	24,547
2041	5,151	6,531	18,397	213	30,292	37,277	24,603

0.5%/yr.

Table 3. Forecasted System Peak Demand (MW)

Year	Base Case					High Case Total	Low Case Total
	Distribution	Industrial	Central	Municipal & Off System	Total		
2023	912	748	3,512	220	5,392	5,901	4,927
2024	918	759	3,592	174	5,443	5,986	4,952
2025	925	765	3,579	177	5,446	6,022	4,909
2026	932	765	3,608	159	5,465	6,073	4,903
2027	940	765	3,639	144	5,488	6,130	4,902
2028	947	765	3,674	148*	5,534	6,211	4,923
2029	954	765	3,706	34	5,460	6,171	4,824
2030	962	765	3,734	34	5,495	6,242	4,834
2031	969	765	3,765	35	5,534	6,318	4,847
2032	976	765	3,794	35	5,571	6,394	4,860
2033	984	765	3,817	35	5,601	6,465	4,867
2034	992	765	3,843	35	5,636	6,542	4,878
2035	1,000	765	3,871	36	5,672	6,619	4,888
2036	1,008	765	3,904	36	5,713	6,704	4,905
2037	1,015	765	3,931	36	5,748	6,784	4,914
2038	1,023	765	3,962	37	5,787	6,873	4,930
2039	1,030	765	3,995	37	5,828	6,965	4,947
2040	1,039	765	4,029	37	5,871	7,065	4,967
2041	1,048	765	4,061	38	5,912	7,166	4,988

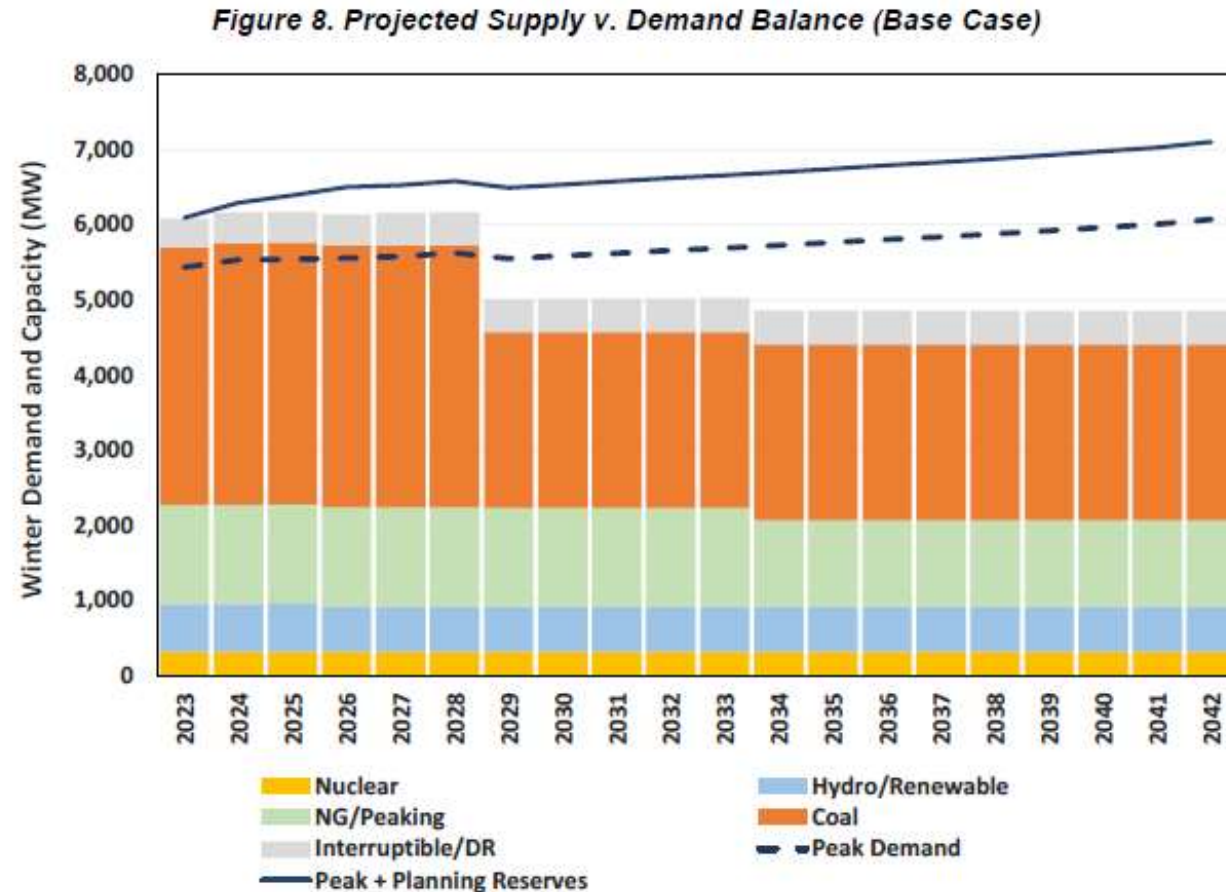
0.5%/yr.

* Not planning for PMPA's supplemental needs beyond 2028/29

Santee Cooper 2023 IRP – Capacity Needs



- Planning Reserve Margins
 - 17% Winter (previous 12%)
 - 15% Summer
- Retirements
 - 1,150 MW coal-fired generation
- Capacity Requirements
 - Smaller through 2028
 - 1,500 MW (2029)





Santee Cooper 2023 IRP – Additions

Table 42. Comparison of Economically Optimized and Preferred Portfolios

Resource Changes	Portfolios – Additions (Retirements) - MW		
	Economically Optimized	Preferred Portfolio	
Coal Retirement <ul style="list-style-type: none"> Winyah Cross 	by 2029 (1,150) Continues to Operate	by 2031 (1,150) Continues to Operate	
New Solar ⁶⁸ <ul style="list-style-type: none"> 2029 2030-2040 	All in 2029: 2,200 750	2026-2029: 1,200 1,850	Solar
New Large NGCCs to Replace Winyah	In 2029: 1,360	In 2031: 1,360	CC
New Frame CTs <ul style="list-style-type: none"> 2029: 2030-2040 	447 0	0 447	CT
New BESS <ul style="list-style-type: none"> 2029: 2030-2040 	0 250	350 50	BESS
New Wind <ul style="list-style-type: none"> 2029: 2030-2040 	0 50	0 0	

⁶⁸ The amounts of New Solar capability shown are in addition to the solar PPAs procured by Santee Cooper and Central in 2021.



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Dominion Energy South Carolina 2023 IRP – Load Forecast

Table 12: 2023 Annual Energy and Peak Forecast

Year	Sales GWh	Peak Forecast	
		Summer MW	Winter MW
2023	23,941	4,921	4,902
2024	23,247	4,791	4,775
2025	23,361	4,825	4,813
2026	23,572	4,867	4,851
2027	23,789	4,915	4,891
2028	24,018	4,966	4,931
2029	24,288	5,021	4,971
2030	24,584	5,079	5,009
2031	24,890	5,142	5,048
2032	25,249	5,210	5,091
2033	25,614	5,281	5,133
2034	25,988	5,356	5,179
2035	26,370	5,433	5,228
2036	26,739	5,509	5,274
2037	27,157	5,595	5,332

1.2%/yr. --- 0.9%/yr.

Dominion SC 2023 IRP – Reserve Margin & Retirements



- Planning Reserve Margin
 - 20% Winter
 - 15% Summer

- Coal Retirements
 - 684 MW Wateree (by 2029)
 - 610 MW Williams (by 2031)

Dominion SC IRP – Preferred Plan



Table 17: The Reference Build Plan

Reference Build Plan									
Year	Peak (MW)	Firm Capacity (MW)	Winter Reserve Margin (%)	New Gas (MW)	New Solar (MW)	New Storage (MW)	New Wind (MW)	New SMR (MW)	Retirements (MW)
2023	4902	6305	28.6	0	0	0	0	0	0
2024	4775	6282	31.6	0	0	0	0	0	0
2025	4813	6277	30.4	0	0	0	0	0	0
2026	4851	6328	30.5	0	150	0	0	0	0
2027	4891	6339	29.6	0	225	0	0	0	0
2028	4931	6355	28.9	0	200	0	0	0	0
2029	4971	6032	21.4	0	300	400	0	0	-684
2030	5009	6057	20.9	0	200	0	0	0	0
2031	5048	6131	21.5	662	300	0	0	0	-610
2032	5091	6147	20.8	0	200	0	0	0	0
2033	5133	6206	20.9	0	300	100	0	0	0
2034	5179	6469	24.9	0	200	300	0	0	0
2035	5228	6475	23.9	0	300	0	0	0	0
2036	5274	6629	25.7	0	200	300	0	0	0
2037	5332	6631	24.4	0	150	0	0	0	0
2038	5390	6498	20.6	0	150	0	0	0	0
2039	5450	6598	21.1	0	150	200	0	0	0
2040	5509	7119	29.2	523	150	0	0	0	0



Outline of Material

1. Global Trends in U.S. Capacity Markets
2. Regional Integrated Resource Plans (IRPs)
 - Duke Energy Carolinas/Duke Energy Progress
 - Georgia Power
 - Santee Cooper
 - Dominion Energy South Carolina
- 3. Closing Thoughts**



Capacity Markets Expected to be “Tight” in the Carolinas/Georgia for the Foreseeable Future

- Southeast Investor-Owned Utilities
 - Increased Load Forecasts (large load additions)
 - Higher Winter Planning Reserve Margins (recent extreme Winter weather events)
 - Coal Unit Retirements (generally around 2030)
 - Less Available Capacity in the Market (combination of all of the above)
 - Utilities Adding Capacity (mid-2020s and beyond)
 - Renewables (solar/wind) and batteries, as well as natural gas-fired generation (CCs and CTs)
- Not Exclusively a Southeast Issue
 - Same trends being reflected nationally across IOU, municipal and cooperative utilities
- Southeast Joint Action Agencies Needs
 - North Carolina Municipal Power Agency 1
 - Peaking Capacity purchases from Southern expiring 2030/31; uncertain whether Southern will extend
 - Piedmont Municipal Power Agency
 - Santee Cooper not including PMPA’s supplemental needs in capacity planning beyond 2028/29