University of New Mexico UNM Digital Repository

Municipal Separate Storm Sewer System (MS4) Permit

Sandia National Labs/NM Technical Reports

2017

NTESS DMRs 2017

U.S. Department of Energy

National Technology & Engineering Solutions of Sandia, LLC

Follow this and additional works at: https://digitalrepository.unm.edu/snl_ms4

Recommended Citation

 $Department \ of \ Energy, \ U.S. \ and \ National \ Technology \ \& \ Engineering \ Solutions \ of \ Sandia, \ LLC. \ "NTESS \ DMRs \ 2017." \ (2017). \ https://digitalrepository.unm.edu/snl_ms4/9$

This Article is brought to you for free and open access by the Sandia National Labs/NM Technical Reports at UNM Digital Repository. It has been accepted for inclusion in Municipal Separate Storm Sewer System (MS4) Permit by an authorized administrator of UNM Digital Repository. For more information, please contact disc@unm.edu.

Permit Permit #:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address:

Facility:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Major:

P.O. BOX 5800, MS-0730 ALBUQUERQUE, NM 87185-0730 Facility Location: 1515 EUBANK BLVD. SE

ALBUQUERQUE, NM 87123

Permitted Feature: 001

External Outfall

Discharge: 001-W

SWSP-02 (INFLOW) - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16

DMR Due Date: 12/01/17

Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

Jaime First Name:

Title: Director of ESH Telephone: 505-844-9455

Last Name: Moya

No Data Indicator (NODI)

Parameter	Monitoring Locatio	n Season	Param. NODI		Quanti	ty or Loading	Quality o	r Concentration			# of Ex	. Frequency of Analysis	Sample Type
Code Name					Qualifier 1 Value 1	Qualifier 2 Value 2 Units Qualifier	1 Value 1	Qualifier 2 Value	2 Qualifier 3 Value	3 Units			
				Sample		=	9.01			04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP			04 - deg C	0		CP - COMPO
				Value NODI									
				Sample		=	75			11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPO
00094 Conductivity	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			11 - umho/cm	0		CP - COMPO
				Value NODI									
				Sample		=	8.89			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI									
				Sample									
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L			CP - COMPO
				Value NODI			E - Analysis Not Conducted/No Sample						
				Sample		=	64.5			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI									
				Sample		=	8.48			12 - SU		XX/XX - Frequency as Reported	CP - COMPO
00400 pH	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			12 - SU	0		CP - COMPO
				Value NODI									
				Sample		=	67.1			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
				Value NODI									
				Sample		=	1.28			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00556 Oil & Grease	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI									
				Sample		=	1.21			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI									
				Sample		=	0.54			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI									
				Sample		=	0.337			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
				Value NODI									
				Sample									
00666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L			CP - COMPO
· ·				Value NODI			M - Laboratory Error						
				Sample		=	0.00527			28 - ug/L		XX/XX - Frequency as Reported	CP - COMPO
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			28 - ug/L	1		CP - COMPOS
				Value NODI									
				Sample									
51040 E. coli	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP			3Z - CFU/100r	nL		CP - COMPOS
				Value NODI			E - Analysis Not Conducted/No Sample						
				Sample		=	60.8			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
70295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			19 - mg/L	0	. , , ,	CP - COMPO
,				Value NODI						J.			
				Sample		_	6.11			17 - pCi/L		XX/XX - Frequency as Reported	CP - COMPO
80029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP			17 - pCi/L	0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CP - COMPO

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample Date: 8/1/2016. PCB exceeded WQS; PCB "J" flagged by lab, detected above Detection limit but below reporting limit; oil & grease "J" flagged by lab; BOD not analyzed due to hold time exceedance; E. coli not analyzed due to hold time exceedance; dissolved phosphorous not analyzed due to laboratory mistake; COD "N" flagged by lab, matrix spike RPD 134%, result may be biased high; TDS was "*" flagged by lab, QC Dup had RPD=26.7, result may be biased low.

Date/Time:

2017-08-22 10:47 (Time Zone: -05:00)

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Name: John Kay
E-Mail: jtkay@sandia.gov

Permit Permit #:

Major:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address:

P.O. BOX 5800, MS-0730 ALBUQUERQUE, NM 87185-0730 Facility Location: 1515 EUBANK BLVD. SE

Facility:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

ALBUQUERQUE, NM 87123

Permitted Feature: 001

External Outfall

Discharge: 001-WA

SWSP-02 (INFLOW) - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16

Moya

DMR Due Date: 12/01/17

Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime Title:

Director of ESH

Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Location	Season	# Param. NODI		Quar	ntity or Loading		Quality of	or Concentration			# of Ex.	Frequency of Analysis	Sample Type
Code Name					Qualifier 1 Value	1 Qualifier 2 Va	alue 2 Units Qualifier 1	Value 1	Qualifier 2 Value	2 Qualifier 3 Value 3	Units			
				Sample			=	9.03			04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			04 - deg C	0	. , , .	CP - COMPOS
				Value NODI										
				Sample			_	57			11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPOS
00094 Conductivity	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			11 - umho/cm	0		CP - COMPOS
·				Value NODI										
				Sample			=	8.58			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0	. , , .	CP - COMPOS
				Value NODI										
				Sample										
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L			CP - COMPOS
, ,,				Value NODI				E - Analysis Not Conducted/No Sample			- U			
				Sample				19.8			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
				Value NODI										
				Sample			_	8.61			12 - SU		XX/XX - Frequency as Reported	CP - COMPOS
00400 pH	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP			12 - SU	0		CP - COMPOS
				Value NODI										
				Sample			_	33.5			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
				Value NODI										
				Sample			_	1.19			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00556 Oil & Grease	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0	ourse i requesto, de rioperio	CP - COMPOS
				Value NODI										
				Sample			=	1			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0	out to requestion as troported	CP - COMPOS
70020 Till ogoti, Tijolaanii, total [ao Tij	. 2			Value NODI				rod men en ree, um			g, <u>_</u>			0. 00 0.
				Sample			_	0.448			19 - mg/L		XX/XX - Frequency as Reported	d CP - COMPOS
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0	ourse i requesto, de rioperio	CP - COMPOS
veces in the first term (as in)				Value NODI				rod men en ree, um			g, <u>_</u>			0. 00
				Sample			=	0.304			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0	ourse i requerie, de rioperies	CP - COMPOS
ricophoras, total [as 1]	Lindon Cross			Value NODI				red men on too, um			ro mg/L			Or COMIT OF
				Sample			_	0.1			19 - mg/L		XX/XX - Frequency as Reported	1 CP - COMPOS
00666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			19 - mg/L	0	WWW. Trequency as reported	CP - COMPOS
ricophoras, aloonvou	Lindon Cross			Value NODI				red men on too, um			10 Hig/L	_		Or COMIT OF
				Sample			_	0.0065			28 - ug/L		XX/XX - Frequency as Reported	1 CP - COMPOS
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP			28 - ug/L		WWW. Trequency as reported	CP - COMPOS
oso to i olychionnated diprientyis [i Obs]	Lindent Gross			Value NODI				red won on too kin			20 dg/L			OI COMII O
				Sample										
51040 E. coli	1 - Effluent Gross	0	_	Permit Req.				Reg Mon SINGSAMP			3Z - CFU/100m	1		CP - COMPOS
	. Emacrit Oross			Value NODI				E - Analysis Not Conducted/No Sample			0.0/10011	-		3. 30Wi 00
				Sample				30			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
70295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP			19 - mg/L	0	Troquency as reported	CP - COMPOS
ozoo odilas, total alssolvea	i - Linuciil Giuss	5		Value NODI				INCH MOIT OHNOOAMIE			10 - Hig/L			Si - COMPO
				Sample			_	5.49			17 - pCi/L		XX/XX - Frequency as Reported	1 CD - COMBO
30029 Alpha gross radioactivity	1 - Effluent Gross			Permit Req.				Req Mon SINGSAMP			17 - pCi/L 17 - pCi/L	0	AAAA - Frequency as Reported	CP - COMPOS

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 8/5/2016; PCBs exceeded WQS; Oil and grease was "U" flagged by lab, not detected; COD was "J" flagged by lab, result was above detection limit but below reporting limit, results not quantifiable; BOD not submitted for analysis due to hold time exceedance; E. coli not submitted for analysis due to hold time exceedance. TSS was "*" flagged, duplicate RPD=28.8%, result may be biased high, TDS "*" flagged, dup RPD 95%, result may be biased high.

Date/Time:

2017-08-22 10:53 (Time Zone: -05:00)

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Name: John Kay
E-Mail: jtkay@sandia.gov

Permit Permit #:

Major:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address:

P.O. BOX 5800, MS-0730 ALBUQUERQUE, NM 87185-0730 Facility Location: 1515 EUBANK BLVD. SE

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

ALBUQUERQUE, NM 87123

Permitted Feature: 001

External Outfall

Discharge: 001-WB

SWSP-02 (INFLOW) - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16

DMR Due Date: 12/01/17

Status:

Facility:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime Last Name: Moya

Title: Director of ESH Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Locatio	n Season	# Param. NODI		Qua	ntity or Load	ina	Quality	or Concentration		# of Ex	. Frequency of Analysis	Sample Type
Code Name				C			2 Value 2 Units Qualifie		Qualifier 2 Value 2 Qualifier 3 Value	3 Units			
i i i i i i i i i i i i i i i i i i i				Sample			=	9.4		04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		04 - deg C	0		CP - COMPO
				alue NODI									
				Sample			_	84		11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPOS
00094 Conductivity	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		11 - umho/cm	0	. , .	CP - COMPOS
·			V	alue NODI									
				Sample			=	8.88		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0		CP - COMPOS
			V	alue NODI									
				Sample			=	10		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0	. , .	CP - COMPO
, , , , , , , , , , , , , , , , , , ,			V	alue NODI									
				Sample			=	89.7		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0		CP - COMPO
			V	alue NODI									
				Sample			=	8.3		12 - SU		XX/XX - Frequency as Reported	CP - COMPOS
00400 pH	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		12 - SU	0		CP - COMPOS
			V	alue NODI									
				Sample			=	137		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00530 Solids, total suspended	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0		CP - COMPO
			V	alue NODI									
				Sample			=	1.19		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00556 Oil & Grease	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0		CP - COMPOS
			V	alue NODI									
				Sample			=	1.4		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0		CP - COMPOS
			V	alue NODI									
				Sample			=	0.37		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	P	ermit Req.				Reg Mon SINGSAMP		19 - mg/L	0		CP - COMPOS
			V	alue NODI									
				Sample			=	0.545		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0	P	ermit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COMPO
			V	alue NODI									
				Sample			=	0.14		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00666 Phosphorus, dissolved	1 - Effluent Gross	0	P	ermit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COMPO
			V	alue NODI									
				Sample			=	0.025223		28 - ug/L		XX/XX - Frequency as Reported	CP - COMPO
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	P	ermit Req.				Req Mon SINGSAMP		28 - ug/L	1		CP - COMPO
			V	alue NODI									
				Sample									
51040 E. coli	1 - Effluent Gross	0	P	ermit Req.				Req Mon SINGSAMP		3Z - CFU/100m	L		CP - COMPOS
			V	alue NODI				E - Analysis Not Conducted/No Samp	ole				
				Sample			=	133		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
70295 Solids, total dissolved	1 - Effluent Gross	0	P	ermit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COMPO
				alue NODI									
				Sample			=	13		17 - pCi/L		XX/XX - Frequency as Reported	CP - COMPO
30029 Alpha gross radioactivity	1 - Effluent Gross		D	ermit Req.				Reg Mon SINGSAMP		17 - pCi/L	0		CP - COMPOS

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 8/22/16; PCB exceeded WQS; Oil and grease "U" flagged by lab, not detected in sample; E. coli not analyzed due to hold time exceedance. TDS was "*" flagged by lab, duplicate RPD=38.9, result may be biased high; TKN was "B" flagged, analyte detected in laboratory blank, result may be biased high.

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Name: John Kay E-Mail: jtkay@sandia.gov Date/Time:

2017-08-22 10:58 (Time Zone: -05:00)

Permit Permit #:

Major:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address:

P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

Permitted Feature: 001

External Outfall

Discharge: 001-WC

SWSP-02 (INFLOW) - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16

Moya

DMR Due Date: 12/01/17

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime

Title:

Director of ESH

Telephone:

505-844-7955

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Season	# Param. NODI		Quan	ntity or Loa	ding		Qualit	y or Concentra	tion		# of Ex	Frequency of Analysis	Sample Type
Code Name					Qualifier 1 Value	1 Qualifie	r 2 Value 2 Units Qua	alifier 1	Value 1	Qualifier 2	Value 2 Qualifier 3 Value	3 Units			
				Sample			=	1	1.99			04 - deg C		XX/XX - Frequency as Reported	CP - COMPOS
0010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.				F	Req Mon SINGSAMP			04 - deg C	0		CP - COMPOS
				Value NODI											
				Sample			=	9	90			11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPOS
00094 Conductivity	1 - Effluent Gross	0		Permit Req.				F	Req Mon SINGSAMP			11 - umho/cm	0		CP - COMPOS
				Value NODI											
				Sample			=	8	3.44			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
0300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.				F	Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
				Value NODI					·						
				Sample			_	1	5			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
, , , , , , , , , , , , , , , , , , , ,				Value NODI								J. J.			
				Sample											
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.				F	Reg Mon SINGSAMP			19 - mg/L			CP - COMPOS
oxygen demand, onem. [mgn level] [OOD]	Lindent Gross	O .		Value NODI					E - Analysis Not Conducted/No Sam	nle		15 Hig/L			OI COIVII CO
				Sample			_		3.77	ole .		12 - SU		XX/XX - Frequency as Reported	LCB COMBO
20400 24	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP			12 - SU	0	ANAX - Frequency as Reported	CP - COMPOS
00400 pH	i - Elliuelli Gioss	U							Red MOII SINGSAMP			12 - 30	0		CF - COMPOS
				Value NODI											
20500 0 11 1 1 1 1	4 500			Sample								10 "			00.001100
00530 Solids, total suspended	1 - Effluent Gross	U		Permit Req.					Req Mon SINGSAMP			19 - mg/L			CP - COMPOS
				Value NODI				E	- Analysis Not Conducted/No Samp	ole					
				Sample											
00556 Oil & Grease	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L			CP - COMPOS
				Value NODI				E	E - Analysis Not Conducted/No Sam	ole					
				Sample											
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.				F	Req Mon SINGSAMP			19 - mg/L			CP - COMPOS
				Value NODI				E	- Analysis Not Conducted/No Sam	ole					
				Sample											
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.				F	Req Mon SINGSAMP			19 - mg/L			CP - COMPOS
				Value NODI				E	- Analysis Not Conducted/No Sam	ole					
				Sample			=	0	0.328			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.				F	Reg Mon SINGSAMP			19 - mg/L	0		CP - COMPOS
				Value NODI					·						
				Sample			=	0).143			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPOS
00666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.				F	Reg Mon SINGSAMP			19 - mg/L	0	. , , .	CP - COMPOS
' '				Value NODI					·						
				Sample											
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.				F	Reg Mon SINGSAMP			28 - ug/L			CP - COMPOS
see to the supermental and supermental and the second	. Lindon Grood			Value NODI					E - Analysis Not Conducted/No Sam	nle		_0 ug/_			0. 00 00
				Sample					- Thaiyolo Not Conadolod/No Cam	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
51040 E. coli	1 - Effluent Gross	0		Permit Req.				-	Req Mon SINGSAMP			3Z - CFU/100r	nl		CP - COMPOS
01040 E. COII	1 - Ellidelit Gloss	U		Value NODI						No.		32 - 01 0/1001	IIL		CF - COIVIFO
									- Analysis Not Conducted/No Samp	JIC .					
10005 0 11 1 1 1 1 1	4 500			Sample								10 "			00.001100
0295 Solids, total dissolved	1 - Effluent Gross	U		Permit Req.					Req Mon SINGSAMP			19 - mg/L			CP - COMPOS
				Value NODI				E	- Analysis Not Conducted/No Samp	ые					
				Sample											
30029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.				F	Req Mon SINGSAMP			17 - pCi/L			CP - COMPOS

E - Analysis Not Conducted/No Sample **Submission Note** If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. Comments Sample date 9/12/16; Parameters with NODI code "E" were not submitted to the lab because sufficient samples for this season were previously collected and submitted; the only parameters submitted to the lab were phosphorous (total), phosphorous (dissolved), and BOD. Attachments No attachments. Report Last Saved By NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC User: JOHNTKAYSANDIA Date/Time: 2017-08-23 09:00 (Time Zone: -05:00) John Kay

Name: E-Mail:

jtkay@sandia.gov

Permit

Permit #: NMR04A012 Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No Permittee Address:

ALBUQUERQUE, NM 87185-0730

P.O. BOX 5800, MS-0730 **Facility Location:**

ALBUQUERQUE, NM 87123

002 Permitted Feature:

External Outfall

Discharge: 002-W

SWSP-05 - WET SEASON

12/01/17

Sample

Permit Rea

Value NODI

Sample

Permit Reg.

Value NODI

Sample

Permit Req.

Value NODI Sample

Permit Req.

Value NODI

Sample

Permit Rea

Value NODI Sample

Permit Req.

Value NODI

Sample

Permit Req.

Value NODI Sample

Permit Rea

Value NODI Sample

Permit Reg.

Value NODI

Sample

Permit Req.

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16 **DMR Due Date:**

1 - Effluent Gross

Status: **NetDMR Validated**

1515 EUBANK BLVD. SE

19 - mg/L

28 - ug/L

28 - ug/L

19 - mg/L

19 - mg/L

17 - pCi/L

17 - pCi/L

3Z - CFU/100mL

0

0

0

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

CP - COMPOS

XX/XX - Frequency as Reported CP - COMPOS

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

25.4

1.33

2.85

0.337

Req Mon SINGSAMP

Reg Mon SINGSAMP

Reg Mon SINGSAMP

Req Mon SINGSAMP

Req Mon SINGSAMP

Req Mon SINGSAMP

M - Laboratory Error

Req Mon SINGSAMP

Rea Mon SINGSAMP

Req Mon SINGSAMP

Req Mon SINGSAMP

E - Analysis Not Conducted/No Sample

0.000428

237

0.85

Principal Executive Officer

00530 Solids, total suspended

00625 Nitrogen, Kjeldahl, total [as N]

00630 Nitrite + Nitrate total [as N]

00665 Phosphorus, total [as P]

00666 Phosphorus, dissolved

70295 Solids, total dissolved

80029 Alpha gross radioactivity

51040 E. coli

39516 Polychlorinated biphenyls [PCBs]

00556 Oil & Grease

Facility:

First Name:		Title:								Te	lephone:						
Last Name:																	
No Data Indicator (NODI)	'																
Form NODI:																	
Parameter	Monitoring Loca	tion Season	# Param. NODI			Quantit	ty or Loading			Quality o	r Concentra	tion			# of Ex	x. Frequency of Analysis	Sample Type
Code Name					Qualifier	1 Value 1	Qualifier 2 Val	ue 2 Units	Qualifier 1	Value 1	Qualifier 2	Value 2 Qualifier 3	Value 3	Units			
				Sample				-	=	7.67				04 - deg C		XX/XX - Frequency as Reported	CP - COMPOS
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req						Req Mon SINGSAMP				04 - deg C	0		CP - COMPOS
				Value NOD	l												
				Sample				-		221				11 - umho/cm		XX/XX - Frequency as Reported	
00094 Conductivity	1 - Effluent Gross	0		Permit Req						Req Mon SINGSAMP				11 - umho/cm	0		CP - COMPOS
				Value NOD	l												
				Sample				-		9.29				19 - mg/L		XX/XX - Frequency as Reported	
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req						Req Mon SINGSAMP				19 - mg/L	0		CP - COMPOS
				Value NOD	l												
20042 DOD 5 1 20 1 2	4 577			Sample						D M ONIOGAMB				10 "			00.004000
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	O		Permit Req						Req Mon SINGSAMP				19 - mg/L			CP - COMPOS
				Value NOD						E - Analysis Not Conducted/No Sample 250				10/		VV/VV Fraguency as Deposited	CD COMPOS
20040 O	D1 4 E## O			Sample Permit Reg										19 - mg/L	_	XX/XX - Frequency as Reported	
00340 Oxygen demand, chem. [high level] [CC	ו - Elliuent Gross	U		Value NOD						Req Mon SINGSAMP				19 - mg/L	_0		CP - COMPOS
				Sample					=	7.18				12 - SU		XX/XX - Frequency as Reported	CP - COMPOS
00400 pH	1 - Effluent Gross	0		Permit Req						Reg Mon SINGSAMP				12 - SU	0	· · · · · · · · · · · · · · · · · · ·	CP - COMPOS
		-		Value NOD													

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample Date: 8/1/2016, PCB exceeded WQS; PCB "J" flagged by lab, detected above Detection limit but below reporting limit; oil & grease "J" flagged by lab; BOD not analyzed due to laboratory mistake; E. coli not analyzed due to hold time exceedance; dissolved phosphorous not analyzed due to laboratory mistake; COD "N" flagged by lab, matrix spike RPD 134%, result may be biased high; TDS was "" flagged by lab, QC Dup had RPD=26.7, result may be biased low.

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-22 11:19 (Time Zone: -05:00)

Name:

E-Mail:

John Kay

jtkay@sandia.gov

Permit #:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility:

Permitted Feature: 002 Discharge: 002-WA

External Outfall SWSP-05 - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16 DMR Due Date: 12/01/17 Status: NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime Title: Director of ESH Telephone: 505-844-7955

Last Name: Moya

No Data Indicator (NODI)

Parameter	Monitoring Locatio	n Season	# Param NODI			Quantity or Loading	Out	ality or Concentration			# of Ex	. Frequency of Analysis	Sample Ty
ode Name	monitoring Locatio	ocason	" raiam. NODI	0	Qualifier 1	Value 1 Qualifier 2 Value 2 Units Qu		Qualifier 2 Value 2 Qualifier	3 Value 3	Units	,, OI LX	. Troquency of Allalysis	oumpie Ty
Name				Sample	kuaiiiiei i	value i Qualifiei 2 value 2 Offits Qu	15.87	Quanner 2 Value 2 Quanner		- deg C		XX/XX - Frequency as Reported	CP - COMP
0010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP			-	0	ANAX - Frequency as reported	CP - COMP
or or remperature, water deg. certigrade	1 - Lilidelit Gloss	U	_	Value NODI			Red Molt Shrosylm		04	- deg C	-0		Ci - COIVII
				Sample		_	117		11	- umho/cm		XX/XX - Frequency as Reported	I CD COME
2004 Conductivity	1 - Effluent Gross	0					Req Mon SINGSAMP			- umho/cm	_	AA/AA - Frequency as Reported	CP - COMP
0094 Conductivity	i - Elliuelli Gioss	U		Permit Req.			Red MOII SINGSAME		111-	- ummo/cm	U		CP - COIVIE
				Value NODI			7.17		10			VV/VV Francisco Deported	I CP - COME
2000 Ommer die erhand IDO	4. 5.00			Sample		=				- mg/L		XX/XX - Frequency as Reported	
0300 Oxygen, dissolved [DO]	1 - Effluent Gross	U		Permit Req.			Req Mon SINGSAMP		19 -	- mg/L	0		CP - COM
				Value NODI									
2040 DOD 5 1 20 1 0	4 500			Sample			D 14 01100414D		10				00.0014
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		19 -	- mg/L			CP - COM
				Value NODI			E - Analysis Not Conducted/No S	ample					
				Sample		=	39			- mg/L		XX/XX - Frequency as Reported	
O340 Oxygen demand, chem. [high level] [COD] 1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		19 -	- mg/L	0		CP - COM
				Value NODI									
				Sample		=	8.58			- SU		XX/XX - Frequency as Reported	
0400 pH	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		12 -	- SU	0		CP - COM
				Value NODI									
				Sample		=	94.6		19 -	- mg/L		XX/XX - Frequency as Reported	CP - COM
0530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		19 -	- mg/L	0		CP - COM
				Value NODI									
				Sample		<	1.2		19 -	- mg/L		XX/XX - Frequency as Reported	CP - COM
0556 Oil & Grease	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		19 -	- mg/L	0		CP - COM
				Value NODI									
				Sample		=	1.19		19 -	- mg/L		XX/XX - Frequency as Reported	CP - COM
0625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP				0		CP - COM
, , , , , , , , , , , , , , , , , , , ,				Value NODI						<u> </u>			
				Sample		=	0.608		19 -	- mg/L		XX/XX - Frequency as Reported	CP - COM
0630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Reg.			Reg Mon SINGSAMP			•	0	and the second second second	CP - COM
		Ī		Value NODI							1		
				Sample		_	0.256		19 -	- mg/L		XX/XX - Frequency as Reported	L CP - COM
0665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP				0	77777 Trequency as reported	CP - COM
1000 i nospriorus, total [as i]	1 - Lilidelit Gloss	U	_	Value NODI			Red Molt Shrosylm		13	- IIIg/L	-0		OI - COIVI
				Sample			0.101		10	- mg/L		XX/XX - Frequency as Reported	LCP COM
0666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Reg.			Reg Mon SINGSAMP			•	0	ANAX - Frequency as Reported	CP - COM
2000 Priospriorus, dissolved	i - Elliuelli Gioss	U					Red MOII SINGSAME		19 -	- mg/L	U		CP - COIVII
				Value NODI			0.00407		00	//		WWW Francisco Described	L OD . OOM
2540 D. I.	4 500			Sample		=	0.00127			- ug/L		XX/XX - Frequency as Reported	
9516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		28 -	- ug/L	1		CP - COM
				Value NODI									
				Sample									
1040 E. coli	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		3Z -	- CFU/100mL			CP - COM
				Value NODI			E - Analysis Not Conducted/No S	ample					
				Sample		=	130			- mg/L		XX/XX - Frequency as Reported	
0295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.			Req Mon SINGSAMP		19 -	- mg/L	0		CP - COM
				Value NODI									
				Sample		=	7.49		17 -	- pCi/L		XX/XX - Frequency as Reported	
0029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.			Reg Mon SINGSAMP		17 -	- pCi/L	0		CP - COM

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 8/5/2016; PCBs exceeded WQS; Oil and grease was "U" flagged by lab, not detected; BOD not submitted for analysis due to hold time exceedance; E. coli not submitted for analysis due to hold time exceedance. TSS was "*" flagged, duplicate RPD=28.8%, result may be biased high, TDS "*" flagged, dup RPD 95%, result may be biased high.

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Name: John Kay E-Mail: jtkay@sandia.gov Date/Time:

2017-08-22 11:24 (Time Zone: -05:00)

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major:

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE

Facility:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

ALBUQUERQUE, NM 87123

Permitted Feature: 002

External Outfall

Discharge: 002-WB

SWSP-05 - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16 DMR Due Date:

12/01/17

Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime Moya

Title: Director of ESH Telephone: 505-844-7955

Last Name: No Data Indicator (NODI)

Parameter	Monitoring Location	Season :	# Param. NODI			Quantity	or Loading			Quality o	r Concentration			# of E	c. Frequency of Analysis	Sample Type
Code Name					Qualifier 1	Value 1	Qualifier 2 Va	alue 2 Units Qualif	fier 1	Value 1	Qualifier 2 Valu	e 2 Qualifier 3 Value 3	Units			
				Sample				=	12.61				04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.					Req M	Ion SINGSAMP			04 - deg C	0		CP - COMPO
				Value NODI												
				Sample				=	68				11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPO
00094 Conductivity	1 - Effluent Gross	0		Permit Req.					Req M	Ion SINGSAMP			11 - umho/cm	0		CP - COMPO
				Value NODI												
				Sample				-	8.97				19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.					Req M	Ion SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI												
				Sample				=	13				19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.					Req M	Ion SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI												
				Sample												
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.					Reg M	Ion SINGSAMP			19 - mg/L			CP - COMPO
				Value NODI					E - An	alysis Not Conducted/No Sample						
				Sample				=	8.71	· ·			12 - SU		XX/XX - Frequency as Reported	CP - COMPO
00400 pH	1 - Effluent Gross	0		Permit Req.					Reg M	Ion SINGSAMP			12 - SU	0		CP - COMPO
				Value NODI												
				Sample												
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.					Reg M	Ion SINGSAMP			19 - mg/L			CP - COMPO
, ,				Value NODI					E - An	alysis Not Conducted/No Sample			0			
				Sample						,						
00556 Oil & Grease	1 - Effluent Gross	0		Permit Req.					Reg M	Ion SINGSAMP			19 - mg/L			CP - COMPO
				Value NODI						alysis Not Conducted/No Sample			0			
				Sample						.,,,						
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.					Rea M	Ion SINGSAMP			19 - mg/L			CP - COMPO
, and the second				Value NODI						alysis Not Conducted/No Sample			J. J.			
				Sample												
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.					Rea M	Ion SINGSAMP			19 - mg/L			CP - COMPO
,				Value NODI						alysis Not Conducted/No Sample			J. J.			
				Sample				_	0.026	.,,,			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.						Ion SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI					1.44.				g. =			
				Sample					0.095	5			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.						fon SINGSAMP			19 - mg/L	0		CP - COMPO
,				Value NODI									i i i i i i i i i i i i i i i i i i i			
				Sample												
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.					Rea M	Ion SINGSAMP			28 - ug/L			CP - COMPO
		ľ		Value NODI						alysis Not Conducted/No Sample						
				Sample						,						
51040 E. coli	1 - Effluent Gross	0		Permit Req.					Rea M	Ion SINGSAMP			3Z - CFU/100m	ηL		CP - COMPO
		ľ		Value NODI						alysis Not Conducted/No Sample				_		
				Sample					_ / (1)	and the second s						
70295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.					Rea M	Ion SINGSAMP			19 - mg/L			CP - COMPO
ozoo condo, total dissolved	Lindon Cioss			Value NODI						alysis Not Conducted/No Sample			10 mg/L			C. COIVII O
				Sample					L All	arysis rest conductour to cample						
80029 Alpha gross radioactivity	1 - Effluent Gross			Permit Req.					Pog N	fon SINGSAMP			17 - pCi/L			CP - COMPO

E - Analysis Not Conducted/No Sample **Submission Note** If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. Comments Sample date: 9/12/16; all parameters with NODI code "E" were not submitted for analysis because analyses of those parameters were not conducted in previous samples. Attachments No attachments. Report Last Saved By NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC User: JOHNTKAYSANDIA Date/Time: 2017-08-23 08:41 (Time Zone: -05:00)

Name:

E-Mail:

John Kay

jtkay@sandia.gov

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address: Major:

ALBUQUERQUE, NM 87185-0730

Facility Location: P.O. BOX 5800, MS-0730 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

Facility:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Discharge: Permitted Feature: 003 003-W

External Outfall SWSP-24 - WET SEASON

Report Dates & Status

DMR Due Date: Monitoring Period: From 07/01/16 to 10/31/16 12/01/17 Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

Title: First Name: Jaime Director of ESH Telephone: 505-844-7955

Last Name: Moya No Data Indicator (NODI)

	Parameter	Monitoring Locatio	n Season #	# Param. NODI		Quan	tity or Loading		Quality of	r Concentration		# of Ex.	Frequency of Analysis	Sample Ty
Code	Name				(Qualifier 1 Value	1 Qualifier 2 Va	lue 2 Units Qualifier 1	Value 1	Qualifier 2 Value 2 Qualifier 3 Va	lue 3 Units			
					Sample			=	23.68		04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
010	Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		04 - deg C	0		CP - COMP
					Value NODI									
					Sample			=	138		11 - umho/cm		XX/XX - Frequency as Reported	CP - COMP
0094	Conductivity	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		11 - umho/cm	0		CP - COMP
					Value NODI									
					Sample			=	2.91		19 - mg/L		XX/XX - Frequency as Reported	
0300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	1		CP - COM
					Value NODI									
					Sample									
310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L			CP - COM
					Value NODI				E - Analysis Not Conducted/No Sample					
					Sample			=	176		19 - mg/L		XX/XX - Frequency as Reported	
340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COM
					Value NODI									
					Sample			=	7.21		12 - SU		XX/XX - Frequency as Reported	
400	рН	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		12 - SU	0		CP - COM
					Value NODI									
					Sample			=	168		19 - mg/L		01/FY - Once/First Year of Permi	
530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COM
					Value NODI									
					Sample									
)556	Oil & Grease	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L			CP - COM
					Value NODI				F - Insufficient Flow for Sampling					
					Sample			=	2.84		19 - mg/L		XX/XX - Frequency as Reported	
625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COM
					Value NODI									
					Sample			=	1.31		19 - mg/L		XX/XX - Frequency as Reported	
630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COM
					Value NODI									
					Sample			=	0.148		19 - mg/L		XX/XX - Frequency as Reported	
665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COM
					Value NODI									
					Sample									
666	Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L			CP - COM
					Value NODI				M - Laboratory Error					
					Sample			=	0.00369		28 - ug/L		XX/XX - Frequency as Reported	
516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		28 - ug/L	1		CP - COM
					Value NODI									
					Sample									
040	E. coli	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		3Z - CFU/100r	nL		CP - COM
					Value NODI				E - Analysis Not Conducted/No Sample					
					Sample			=	137		19 - mg/L		XX/XX - Frequency as Reported	
295	Solids, total dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0		CP - COM
					Value NODI									
					Sample			=	2.4		17 - pCi/L		XX/XX - Frequency as Reported	
0029	Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		17 - pCi/L	0		CP - COM

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date: 8/1/16; PCBs exceeded WQS; DO below minimum WQS of 5 mg/L; E. coli not analyzed due to hold time exceedance; BOD not analyzed due to hold time exceedance; dissolved phosphorous not analyzed due to laboratory mistake; COD "N" flagged by lab, matrix spike RPD 134%, result may be biased high; TDS "" flagged by lab, QC duplicate had RPD=26.7, result may be biased high, oil and grease sample not collected ude to insufficient sample volume.

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-22 12:38 (Time Zone: -05:00)

Name: John Kay

jtkay@sandia.gov

E-Mail:

Permit

Major:

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility:

Discharge: Permitted Feature: 003 003-WA

External Outfall SWSP-24 - WET SEASON

Report Dates & Status

DMR Due Date: Monitoring Period: From 07/01/16 to 10/31/16 12/01/17 Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

Title: First Name: Jaime Director of ESH Telephone: 505-844-7955

Last Name: Moya

	Parameter	Monitoring Locatio	n Season #	# Param. NODI		Qua	antity or Load	ding		Quality o	or Concentration		# of Ex	Frequency of Analysis	Sample Type
Code								2 Value 2 Units Q	ualifier 1	•	Qualifier 2 Value 2 Qualifier 3 Value	3 Units			7,0
					Sample			=		6.81		04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
0010	Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		04 - deg C			CP - COMPO
					Value NODI										
					Sample			=		44		11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPO
0094	Conductivity	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		11 - umho/cm	0		CP - COMPO
					Value NODI										
					Sample			=		9.5		19 - mg/L		01/FY - Once/First Year of Permit	CP - COMPC
0300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	0		CP - COMPC
					Value NODI										
					Sample										
0310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L			CP - COMPC
					Value NODI					E - Analysis Not Conducted/No Sample					
					Sample										
0340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L			CP - COMPC
					Value NODI					E - Analysis Not Conducted/No Sample					
					Sample			=		8.57		12 - SU		XX/XX - Frequency as Reported	CP - COMPC
0400	рН	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		12 - SU	0		CP - COMPC
					Value NODI										
					Sample			=		38.2		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
0530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	0		CP - COMPO
					Value NODI										
					Sample			<		1.27		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPC
0556	Oil & Grease	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	0		CP - COMPC
					Value NODI										
					Sample										
0625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L			CP - COMPC
					Value NODI					E - Analysis Not Conducted/No Sample					
					Sample			=		0.342		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPC
0630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	0		CP - COMPC
					Value NODI										
					Sample										
0665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L			CP - COMPO
					Value NODI					E - Analysis Not Conducted/No Sample					
					Sample										
0666	Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L			CP - COMPO
					Value NODI					E - Analysis Not Conducted/No Sample					
					Sample			=		0.0109		28 - ug/L		XX/XX - Frequency as Reported	CP - COMPO
9516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		28 - ug/L	1		CP - COMPC
					Value NODI										
					Sample										
1040	E. coli	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		3Z - CFU/100i	mL		CP - COMPO
					Value NODI					E - Analysis Not Conducted/No Sample					
					Sample			=		30		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
0295	Solids, total dissolved	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	0		CP - COMPC
					Value NODI										
					Sample			=		0.77		17 - pCi/L		XX/XX - Frequency as Reported	CP - COMPO
0029	Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		17 - pCi/L	0		CP - COMPO

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. Comments Sample date 8/5/16; PCB exceeded WQS; gross alpha was not detected in sample; all parameters labeled NODI=8 were not collected due to insufficient sample volume. TSS was "*" flagged by lab, duplicate RPD=28.8%, result may be biased high; TDS was "*" flagged by lab, duplicate RPD=95%, result may be biased high. Attachments No attachments.

Date/Time:

2017-08-23 14:53 (Time Zone: -05:00)

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: **JOHNTKAYSANDIA**

Name: John Kay E-Mail: jtkay@sandia.gov

Permit #:

Major:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

5000, W5-0750

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility:

Permitted Feature: 004

External Outfall

Discharge: 004-W

SWSP-35 - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16 DMR Due Date:

OMR Due Date: 12/01/17

Status: NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime
Last Name: Moya

Title: Director of ESH

Telephone: 505-844-7955

No Data Indicator (NODI)

	Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading	Quality o	or Concentration		# of Ex.	Frequency of Analysis	Sample Typ
Code	Name				Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifie	•	Qualifier 2 Value 2 Qualifier 3 Va	lue 3 Units		,,,	7,000
				Sample	=	12.82		04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
0010 T	emperature, water deg. centigrade	1 - Effluent Gross	0	Permit Re	1.	Reg Mon SINGSAMP		04 - deg C	0	. , , .	CP - COMPO
	, , , , , , , , , , , , , , , , , , , ,			Value NOI							
				Sample	<u> </u>	119		11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPO
00094	Conductivity	1 - Effluent Gross	0	Permit Re	1.	Reg Mon SINGSAMP		11 - umho/cm			CP - COMPO
	•			Value NOI	01	·					
				Sample	=	6.29		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
0300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	Permit Re	1.	Reg Mon SINGSAMP		19 - mg/L	0	. , ,	CP - COMPO
	, , , , , , , , , , , , , , , , , , , ,			Value NOI				- 3			
				Sample							
00310 E	OD, 5-day, 20 deg. C	1 - Effluent Gross	0	Permit Re	1.	Reg Mon SINGSAMP		19 - mg/L			CP - COMPO
	, , , , , , , , , , , , , , , , , , , ,			Value NOI		E - Analysis Not Conducted/No Sample		- 3			
				Sample	=	159		19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	Permit Re	,	Reg Mon SINGSAMP		19 - mg/L	0	in the respective	CP - COMPC
00010	oxygon demand, enom. [mgn level] [eeb]	Lindon Cross	0	Value NOI		req mon on too, will		10 mg/L			Oi COM C
				Sample	<u> </u>	7.35		12 - SU		XX/XX - Frequency as Reported	d CP - COMPO
00400 p	н	1 - Effluent Gross	0	Permit Re		Reg Mon SINGSAMP		12 - SU	0	70 070 Troquency as respense	CP - COMPC
50 100 p		Lindon Cross		Value NOI		rtoq mon cirtee, im		12 00			01 001111 0
				Sample		12.4		19 - mg/L		XX/XX - Frequency as Reported	d CP - COMPO
00530 5	solids, total suspended	1 - Effluent Gross	0	Permit Re		Reg Mon SINGSAMP		19 - mg/L	0	ANNA Trequency as Reported	CP - COMPO
J0330 C	iolius, totai susperideu	1 - Lilidelli Oloss	U	Value NOI		Iteq Worl ShivesAivii		19 - mg/L			Ci - COIVII C
				Sample	=	1.24		19 - mg/L		XX/XX - Frequency as Reported	4 CB COMBO
00556	Dil & Grease	1 - Effluent Gross	0	Permit Re		Req Mon SINGSAMP		19 - mg/L	0	AA/AA - Frequency as Reported	CP - COMPC
00000	on & Grease	1 - Liliuelli Oloss	U	Value NOI		Iteq Worl ShivesAivii		19 - mg/L			CI - COIVII O
				Sample	_	2.81		19 - mg/L		XX/XX - Frequency as Reported	4 CB COMBO
0062E N	litrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	Permit Re		Req Mon SINGSAMP		19 - mg/L	0	AA/AA - Frequency as Reported	CP - COMPC
J0025 I	ilitogeri, Njeldarii, total [as Nj	1 - Elliuelli Gloss	U	Value NOI		Red MOLL SINGSAME		19 - IIIg/L			CF - COIVIFC
					_	1.71		19 - mg/L		XX/XX - Frequency as Reported	H CD COMPO
00630 N	litrite + Nitrate total [as N]	1 - Effluent Gross	0	Sample Permit Re		Req Mon SINGSAMP		19 - mg/L	0	AA/AA - Frequency as Reported	CP - COMPO
000301	mine + Minate total [as N]	1 - Elliuelli Gloss	U	Value NOI		Red MOLL SINGSAME		19 - IIIg/L	0		CF - COIVIFO
						0.139		10 mg/l		VV/VV Fraguency as Benertes	d CD COMBO
20005	Ne control of the Con	4. Efficient Occasi		Sample	=			19 - mg/L		XX/XX - Frequency as Reported	
COOUL	Phosphorus, total [as P]	1 - Effluent Gross	U	Permit Re		Req Mon SINGSAMP		19 - mg/L	0		CP - COMPO
				Value NOI							
20000 5	Ne control discoluted	4. Efficient Occasi		Sample		Daw Mary CINICO AND		40//			OD COMPO
ין מסטטר	Phosphorus, dissolved	1 - Effluent Gross	U	Permit Re		Req Mon SINGSAMP		19 - mg/L			CP - COMPO
				Value NOI	01	M - Laboratory Error		00/1		VV/VV	L OD OOMBO
205405		4 500 + 0		Sample	F	0.00439		28 - ug/L		XX/XX - Frequency as Reported	
39516 F	olychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	Permit Re		Req Mon SINGSAMP		28 - ug/L	1		CP - COMPO
				Value NOI)I						
		. =		Sample				0-11/4	_		
51040 E	:. COII	1 - Effluent Gross	0	Permit Re		Req Mon SINGSAMP		3Z - CFU/100	mL		CP - COMPO
				Value NOI		E - Analysis Not Conducted/No Sample		10 "		10/10/ E = 5	
				Sample	=	151		19 - mg/L		XX/XX - Frequency as Reported	
70295	solids, total dissolved	1 - Effluent Gross	0	Permit Re		Req Mon SINGSAMP		19 - mg/L	0		CP - COMPO
				Value NOI	DI						
				Sample	=	0.498		17 - pCi/L		XX/XX - Frequency as Reported	
30029 A	Ipha gross radioactivity	1 - Effluent Gross	0	Permit Re	1.	Req Mon SINGSAMP		17 - pCi/L	0		CP - COMPO

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date: 8/1/16; PCB exceeded WQS; gross alpha not detected in sample; oil and grease not detected in sample; COD "N" flagged by lab, matrix spike RPD=134%, result may be biased high; TDS was *** flagged by lab, QC duplicate had RPD 26.7, result may be biased high. E. coli not analyze due to hold time exceedance; dissolved phosphorous not analyzed due to laboratory mistake; BOD not analyzed due to hold time exceedance.

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-22 12:00 (Time Zone: -05:00)

Name: John Kay
E-Mail: jtkay@sandia.gov

Permit Permit #:

Major:

NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility Location: 1515 EUBANK BLVD. SE

ALBUQUERQUE, NM 87123

Permitted Feature: 005

External Outfall

Discharge: 005-W

SWSP-36 - WET SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 10/31/16 DMR Due Date:

12/01/17

Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE.

Principal Executive Officer

First Name: Jaime Last Name: Moya

Title: Director of ESH Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Locatio	n Season	# Param. NOD			Quantity	y or Loading		Quality o	or Concentration			# of Ex	c. Frequency of Analysis	Sample Type
Code Name					Qualifier 1			2 Units Qualifier	· · · · · · · · · · · · · · · · · · ·		e 2 Qualifier 3 Value	3 Units		,,,	
- Hamo				Sample		raido i		=	16.85	400000000000000000000000000000000000000		04 - deg C		XX/XX - Frequency as Reported	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP			04 - deg C	0	политический подавить, политический политиче	CP - COMPO
· · · · · · · · · · · · · · · · · · ·				Value NODI											
				Sample				_	128			11 - umho/cm		XX/XX - Frequency as Reported	CP - COMPOS
00094 Conductivity	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP			11 - umho/cm	0	. , ,	CP - COMPO
·				Value NODI											
				Sample				=	5.72			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample											
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L			CP - COMPO
				Value NODI					E - Analysis Not Conducted/No Sample						
				Sample				=	204			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample				=	7.21			12 - SU		XX/XX - Frequency as Reported	CP - COMPO
00400 pH	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			12 - SU	0		CP - COMPO
				Value NODI											
				Sample				=	21.7			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample				=	1.42			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00556 Oil & Grease	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample				=	3.56			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample				=	1.64			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample				=	0.192			19 - mg/L		XX/XX - Frequency as Reported	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample											
00666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L			CP - COMPO
				Value NODI					M - Laboratory Error						
				Sample				=	0.00264			28 - ug/L		XX/XX - Frequency as Reported	
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			28 - ug/L	1		CP - COMPO
				Value NODI											
				Sample											
51040 E. coli	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			3Z - CFU/100m	ıL		CP - COMPOS
				Value NODI					E - Analysis Not Conducted/No Sample						
				Sample				=	137			19 - mg/L		XX/XX - Frequency as Reported	
70295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			19 - mg/L	0		CP - COMPO
				Value NODI											
				Sample				=	0.44			17 - pCi/L		XX/XX - Frequency as Reported	
80029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP			17 - pCi/L	0		CP - COMPO

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 8/1/16; PCBs exceeded WQS; gross alpha not detected in sample; oil and grease "J" flagged by lab, result cannot be quantified; COD was "B" flagged by lab, parameter was detected in lab blank, result may be biased high; TDS was "*" flagged by lab, QC duplicate had RPD=26.7%, result may be biased low; E. coli not analyzed due to hold time exceedance; BOD not analyzed due to hold time exceedance; dissolved phosphorous not analyzed due to laboratory mistake.

Attachments

No attachments

Report Last Saved By

Date/Time:

2017-08-22 12:08 (Time Zone: -05:00)

User: JOHNTKAYSANDIA Name: John Kay

E-Mail: jtkay@sandia.gov

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE

Facility:

ALBUQUERQUE, NM 87123

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Permitted Feature: 001

External Outfall

Discharge:

001-D SWSP-02 (INFLOW) - DRY SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 06/30/17 DMR Due Date: 12/01/17 Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name: Jaime

Moya

Title: Director of ESH Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Location	Season # F	Param. NODI		Quantity or Loading		(Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Type
Code Name					Qualifier 1 Value 1 Qualifier 2 Value 2 Unit	s Qualifier 1	Value 1	Qualifier 2 Value 2 Qualifier 3 Value	3 Units			
				Sample		= 8	3.96		04 - deg C		02/PT - Twice Per Permit Term	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0 -	-	Permit Req.		F	Req Mon SINGSAMP		04 - deg C	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample		= 8	36		11 - umho/cm		02/PT - Twice Per Permit Term	CP - COMPO
00094 Conductivity	1 - Effluent Gross	0 -		Permit Req.		F	Req Mon SINGSAMP		11 - umho/cm	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample		= 8	3.96		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0 -		Permit Req.		F	Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI					, ,			
				Sample		= '	4		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0 -		Permit Req.		F	Reg Mon SINGGRAB		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI			•		J			
				Sample		= 4	129		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00340 Oxygen demand, chem. [high level] [COE	1 - Effluent Gross	0 -		Permit Req.			Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
	, ,			Value NODI								
				Sample		= 8	3.08		12 - SU		02/PT - Twice Per Permit Term	CP - COMPO
00400 pH	1 - Effluent Gross	0 -		Permit Req.			Req Mon SINGSAMP		12 - SU	0	02/PT - Twice Per Permit Term	
50 100 pri	1 Emaoni Grood			Value NODI		· ·	toq mon on too, um		12 00		CZ/TT TWICE T CITT CITTLE TOTAL	
				Sample		= 9	96.8		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00530 Solids, total suspended	1 - Effluent Gross	0 -	_	Permit Req.			Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
Josephiae Suspended	1 - Lilidelli Oloss		-	Value NODI		· · · · · · · · · · · ·	red Mon Shrosymi		19 - Hig/L		02/11 - Twice Fel Fellin Tellin	CI - COIVII O
				Sample		< '	.18		10 mg/l		02/PT - Twice Per Permit Term	CP COMPO
00556 Oil & Grease	1 - Effluent Gross	0 -		Permit Req.			. 10 Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
JUSSO OII & Grease	1 - Elliuelli Gloss	0	· -			ľ	Req Mon SingsAMP		19 - mg/L	0	02/F1 - Twice Fei Feimit Teim	CF - CONIFO
				Value NODI			OF		10/		02/DT Turing Day Daynait Tayra	CD COMPO
20005 Nitra and Windshift total for NII	4 5#			Sample			.05		19 - mg/L		02/PT - Twice Per Permit Term	
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0 -	-	Permit Req.		ľ	Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI					10 (00/07 7 : 0 0 0 0 7	00.001100
2000	4 577			Sample			0.465		19 - mg/L		02/PT - Twice Per Permit Term	
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0 -	-	Permit Req.		ľ	Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample).488		19 - mg/L		02/PT - Twice Per Permit Term	
00665 Phosphorus, total [as P]	1 - Effluent Gross	0 -	-	Permit Req.		F	Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample			0.0811		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00666 Phosphorus, dissolved	1 - Effluent Gross	0 -	-	Permit Req.		F	Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample		= (0.00398		28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPO
39516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0 -	-	Permit Req.		F	Req Mon SINGSAMP		28 - ug/L	1	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample		= 2	2098		3Z - CFU/100m	L	02/PT - Twice Per Permit Term	CP - COMPO
51040 E. coli	1 - Effluent Gross	0 -	-	Permit Req.		F	Req Mon SINGSAMP		3Z - CFU/100m	L 1	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample		= '	10		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
70295 Solids, total dissolved	1 - Effluent Gross	0 -	-	Permit Req.		F	Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample		= '	1.7		17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPO
30029 Alpha gross radioactivity	1 - Effluent Gross	0 -		Permit Req.			Req Mon SINGSAMP		17 - pCi/L	0	02/PT - Twice Per Permit Term	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date: 11/22/16; E. coli and PCB exceeded WQS; E. coli met 24-hr hold time but not 6-hr hold time; TKN was "B" flagged by lab, analyte was detected in the method black, results may be biased high; oil and grease was not detected in the sample.

Attachments

No attachments

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-22 14:12 (Time Zone: -05:00)

John Kay

jtkay@sandia.gov

Name: E-Mail:

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE

Facility:

ALBUQUERQUE, NM 87123

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Permitted Feature: 002

External Outfall

Discharge:

002-D SWSP-05 - DRY SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 06/30/17 DMR Due Date:

Moya

12/01/17

Status: **NetDMR Validated**

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name: Jaime Title: Director of ESH Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Location	Season #	Param. NODI		(Quantity or Lo	oading			Quality or Concentration		# of Ex.	Frequency of Analysis	Sample Typ
Code Name					Qualifier 1 V	Value 1 Qualifi	ier 2 Value 2 Uni	its Qualifier	Value 1	Qualifier 2 Value 2 Qual	ifier 3 Value 3 Units			
				Sample				=	7.5		04 - deg C		02/PT - Twice Per Permit Term	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		04 - deg C	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI										
				Sample				=	57		11 - umho/cm		02/PT - Twice Per Permit Term	CP - COMPO
0094 Conductivity	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		11 - umho/cm	0	02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI										
				Sample				=	3.68		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	1	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI										
				Sample				=	7		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.					Req Mon SINGGRAB		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI										
				Sample				=	58		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI										
				Sample				=	8.37		12 - SU		02/PT - Twice Per Permit Term	CP - COMPO
0400 pH	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		12 - SU	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI										
				Sample				=	53.7		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI					·					
				Sample				<	1.21		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0556 Oil & Grease	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI					·		Ü			
				Sample				=	0.458		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		19 - mg/L		02/PT - Twice Per Permit Term	
, , , , , , , , , , , , , , , , , , , ,				Value NODI							- 3			
				Sample				=	0.355		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		19 - mg/L		02/PT - Twice Per Permit Term	
,				Value NODI							- 3			
				Sample				=	0.262		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		19 - mg/L		02/PT - Twice Per Permit Term	
		-		Value NODI										
				Sample				_	0.057		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		19 - mg/L		02/PT - Twice Per Permit Term	
				Value NODI								-		
				Sample				_	0.0098		28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPO
9516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.					Req Mon SINGSAMP		28 - ug/L		02/PT - Twice Per Permit Term	
oo to i olyonioninatoa siprionylo (i obo)	- Emaoni Grood			Value NODI					rtoq mon on too am		20 49/2	- '	ozar i iwigo i di i dilik remi	OI COMI C
				Sample				=	3873		3Z - CFU/100m		02/PT - Twice Per Permit Term	CP - COMPO
1040 E. coli	1 - Effluent Gross	0		Permit Req.					Reg Mon SINGSAMP		3Z - CFU/100m		02/PT - Twice Per Permit Term	
	. Lindon Ologo			Value NODI					. 154 MON SHADONIMI		52 OI 0/100III	-	SEAT THROUGH OF THE TERM	Si Solvii C
				Sample				=	103		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.				_	Reg Mon SINGSAMP		19 - mg/L		02/PT - Twice Per Permit Term	
ozoo osiido, total dissolved	. Lindon Oloss			Value NODI					TOO WOLLDING OANE		19 - mg/∟	-	OZ, I IWIOCIGIIGIIIILIGIIII	O COMPC
				Sample				<	12.9		17 - pCi/L		02/PT - Twice Per Permit Term	CP - COMPO
0000 41 1	. =							`	Req Mon SINGSAMP				02/PT - Twice Per Permit Term	
80029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.					Ned MOU SUNGSAME		17 - pCi/L	U	OZ/I I - I WICE PEI PEIIIII TEIM	OF - COIVIPO

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date: 11/22/16; PCBs exceeded WQS; E.-coli exceeded WQS; E. coli met 24-hr hold time but not 6-hr hold time; DO was below the minimum WQS of 5 mg/L; oil and grease was not detected in sample; TKN was "B" flagged by lab, parameter detected in lab blank, result may be biased high.

Attachments

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-25 11:06 (Time Zone: -05:00)

Name:

E-Mail:

John Kay

jtkay@sandia.gov

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No

Facility: DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Permittee Address: P.O. BOX 5800, MS-0730

12/01/17

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

NetDMR Validated

Permitted Feature: 002

External Outfall

Discharge: 002-DA

SWSP-05 - DRY SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 06/30/17 DMR Due Date:

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name: Jaime

Moya

Title: Director of ESH Telephone: 505-844-7955

Status:

No Data Indicator (NODI)

Parameter	Monitoring Location	n Season #	Param. NODI		Quantity or Loading			Quality or Concentration			# of Ex	x. Frequency of Analysis	Sample Type
Code Name					Qualifier 1 Value 1	Qualifier 2 Value 2 Unit	ts Qualifier	Value 1	Qualifier 2 Value 2 Qualifier 3 Value	e 3 Units			
				Sample			=	7.64		04 - deg C		02/PT - Twice Per Permit Term	CP - COMPO
0010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP		04 - deg C	0	02/PT - Twice Per Permit Term	CP - COMPO
and the property of the state o				Value NODI									
				Sample			=	112		11 - umho/cm		02/PT - Twice Per Permit Term	CP - COMPO
0094 Conductivity	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP			0	02/PT - Twice Per Permit Term	
•				Value NODI									
				Sample			=	9.82		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
,31,,111,11				Value NODI						, J	_		
				Sample			_	28		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGGRAB		19 - mg/L	0	02/PT - Twice Per Permit Term	
55.5 202, 6 day, 20 dog. 6	2			Value NODI				1104 111011 0111 00111 12			-0	02/11/11/00/19/19/11/11/19/11/1	J. J
				Sample			_	166		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.			-	Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
OSAO Oxygen demand, chem. [night level] [COD]	1 - Lilidelit Gloss	U		Value NODI				rteq Mon SinosAMi		19 - Hig/L	-0	02/11 - Twice Fel Fellin Tellin	Ci - COIVII C
								7.09		12 - SU		02/DT Twice Per Permit Term	CD COMPC
0400 54	1 - Effluent Gross	0		Sample Parmit Page			=			12 - SU	0	02/PT - Twice Per Permit Term	
0400 pH		0		Permit Req.				Req Mon SINGSAMP		12 - 30	-0	02/PT - Twice Per Permit Term	CF - COIVIFC
				Value NODI				75		40		00/DT Tuis Day Day it Tare	OD OOMBO
530 Solids, total suspended				Sample			=	75		19 - mg/L		02/PT - Twice Per Permit Term	
	1 - Effluent Gross	U		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI									
	1 - Effluent Gross			Sample			=	1.4		19 - mg/L		02/PT - Twice Per Permit Term	
0556 Oil & Grease		0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI									
				Sample			=	3.5		19 - mg/L	0	02/PT - Twice Per Permit Term	
0625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI									
				Sample			=	0.845		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPC
				Value NODI									
				Sample			=	0.358		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI									
				Sample			=	0.189		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI									
				Sample			=	0.00215		28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPO
9516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP		28 - ug/L	1	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI									
				Sample			=	2613		3Z - CFU/100ml		02/PT - Twice Per Permit Term	CP - COMPO
1040 E. coli	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP		3Z - CFU/100ml		02/PT - Twice Per Permit Term	
				Value NODI				1 2					
				Sample			_	116		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
5255 Golius, total dissolved	Linuent Gloss	U	-	Value NODI				TOOL MICH SHARES		19 - mg/L		OZ/1 1 - I WICE FEI FEIIIII TEIIII	SI - COIVIPC
				Sample			=	4.13		17 pC://		02/PT - Twice Per Permit Term	CD COMPO
							f	Reg Mon SINGSAMP		17 - pCi/L	-		
0029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.				REQ MON SINGSAMP		17 - pCi/L	0	02/PT - Twice Per Permit Term	CP - COMPO

Submission Note If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type. **Edit Check Errors** No errors. Comments Sample date 4/25/17; PCBs exceeded WQS; E. coli exceeded WQS; E. coli met 24-hr hold time but not 6-hr hold time; TKN "B" flagged by lab, parameter found in lab blank, result may be biased high; oil and grease was not detected in the sample. Attachments No attachments. Report Last Saved By NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC User: JOHNTKAYSANDIA Date/Time: 2017-08-22 14:12 (Time Zone: -05:00) Name: John Kay

E-Mail:

jtkay@sandia.gov

Permit

Permit #: NMR04A012

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No

Permitt

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, ELE

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility:

Permitted Feature: 005 Discharge:

External Outfall

005-D SWSP-36 - DRY SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 06/30/17 DMR Due Date:

12/01/17 Status: NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name: Jaime

Moya

Title: Director of ESH

Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Location	Season # Param. NO	Quantity or Loading				Quality or Concentration				Sample Type
Code Name				Qualifier 1 Value 1 Qu	alifier 2 Value 2 Units	Qualifier 1 Value 1	Qualifier 2 Value 2 Qualifier 3 Value 3	Units			
			Sample			= 7.3	04 -	deg C		02/PT - Twice Per Permit Term	CP - COMPO
010 Temperature, water deg. centigrade	1 - Effluent Gross	0	Permit Req.			Req Mon SINGSAMP	04 -	deg C	0	02/PT - Twice Per Permit Term	CP - COMPO
			Value NODI								
			Sample			= 51	11 -	umho/cm		02/PT - Twice Per Permit Term	CP - COMPO
0094 Conductivity	1 - Effluent Gross	0	Permit Req.			Req Mon SINGSAMP	11 -	umho/cm	0	02/PT - Twice Per Permit Term	CP - COMPC
			Value NODI								
			Sample			= 4.02	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0300 Oxygen, dissolved [DO]	1 - Effluent Gross	0	Permit Req.			Req Mon SINGSAMP	19 -	mg/L	1	02/PT - Twice Per Permit Term	CP - COMPO
			Value NODI								
			Sample			= 10	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	Permit Req.			Req Mon SINGGRAB	19 -	mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
			Value NODI								
			Sample			= 50.1	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0	Permit Req.			Req Mon SINGSAMP	19 -	mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
			Value NODI			·					
			Sample			= 8.1	12 -	SU		02/PT - Twice Per Permit Term	CP - COMPC
0400 pH	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP	12 -		0	02/PT - Twice Per Permit Term	
			Value NODI			·					
			Sample			= 27	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0530 Solids, total suspended	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP		-	0	02/PT - Twice Per Permit Term	
			Value NODI								
			Sample			= 2.18	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPO
556 Oil & Grease	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP		-	0	02/PT - Twice Per Permit Term	
	- Lindon Grood		Value NODI			nieg men en reer min		g/ =		92,1 1 11100 1 01 1 0111111 1 01111	
			Sample			= 0.393	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPO
0625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP		-	0	02/PT - Twice Per Permit Term	
oozo Milogon, Noldani, total [do N]			Value NODI			Tred Men Guraes man		mg/L	O	OZAT T WIGO T OF T OFFICE	or com c
			Sample			= 0.369	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP		-	0	02/PT - Twice Per Permit Term	
ooo mino minato total [ao m]			Value NODI			rteq Mon en teer um		mg/L	O	OZAT TWICE TOTAL TOTAL	01 001111
			Sample			= 0.129	19 -	mg/L		02/PT - Twice Per Permit Term	CP - COMPC
0665 Phosphorus, total [as P]	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP			0	02/PT - Twice Per Permit Term	
1 Hospitorus, total [as 1]	1 - Lindent Gloss	0	Value NODI			INEQ INOTI STINGSAINT	13-	mg/L	O	02/11 - Twice Fel Fellill Tellil	or - colvii c
			Sample			= 0.0265	10	ma/l		02/PT - Twice Per Permit Term	CP COMPO
0666 Phosphorus, dissolved	1 - Effluent Gross	0	Permit Req.			Reg Mon SINGSAMP		mg/L	0	02/PT - Twice Per Permit Term	
0666 Phosphorus, dissolved	1 - Ellidelit Gloss		Value NODI			Req Mon Singsalvir	19-	mg/L	U	02/F1 - Twice Fei Feithill Teith	CF - COIVIFC
						= 0.00322	20	ua/l		02/PT - Twice Per Permit Term	CD COMPO
0540 Delveklerineted hinkenvile [DCDe]	4 Effluent Cross	0	Sample Darmit Dan				28 -	-	4	02/PT - Twice Per Permit Term	
9516 Polychlorinated biphenyls [PCBs]	1 - Effluent Gross		Permit Req.			Req Mon SINGSAMP	28 -	ug/L	1	02/PT - Twice Per Permit Term	CF - COIVIPC
			Value NODI			547.0	0.7	0511/4001		00/DT Ti D Dit T	OD COMPO
4040 F!:	4 550		Sample			= 517.2		CFU/100mL		02/PT - Twice Per Permit Term	
1040 E. coli	1 - Effluent Gross	0	Permit Req.			Req Mon SINGSAMP	32 -	CFU/100mL	1	02/PT - Twice Per Permit Term	CP - COMPC
			Value NODI			04.0	40			00/DT Ti D Dit T	OD OOMBO
0005 0-15-1- 4-4-1 -15-1	4 500000		Sample			= 64.3		mg/L	0	02/PT - Twice Per Permit Term	
0295 Solids, total dissolved	1 - Effluent Gross	U	Permit Req.			Req Mon SINGSAMP	19 -	mg/L	U	02/PT - Twice Per Permit Term	CP - COMPC
			Value NODI					0.0			00 0000
			Sample			= 4.81		pCi/L		02/PT - Twice Per Permit Term	
0029 Alpha gross radioactivity	1 - Effluent Gross	0	Permit Req.			Req Mon SINGSAMP	17 -	pCi/L	0	02/PT - Twice Per Permit Term	CP - COMPO

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 11/22/16; PCBs exceeded WQS; E. coli exceeded WQS; E. coli met 24-hr hold time but not 6-hr hold time; DO was below the minimum WQS of 5.0 mg/L; oils and grease was "J" flagged by lab, result above detection limit and below reporting limit, result cannot be quantified; dissolved phosphorous was "J" flagged by lab, result cannot be quantified; TKN was "B" flagged by lab, parameter detected in lab blank, result may be biased high.

Attachments

No attachments

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Date/Time:

2017-08-23 14:56 (Time Zone: -05:00)

User:

Name:

E-Mail:

JOHNTKAYSANDIA

jtkay@sandia.gov

John Kay

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major:

No

Permittee Address: P.O. BOX 5800, MS-0730

Director of ESH

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE

Facility:

Telephone:

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

ALBUQUERQUE, NM 87123

505-844-7955

Permitted Feature: 005

External Outfall

Discharge:

Title:

005-DA SWSP-36 - DRY SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 06/30/17 DMR Due Date:

12/01/17

Status:

NetDMR Validated

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

First Name: Jaime

Last Name: Moya

No Data Indicator (NODI)

FOII	n NODI:													
	Parameter	Monitoring Location	Season #	Param. NODI			ty or Loading			Quality or Concentration		# of Ex	Ex. Frequency of Analysis	Sample Type
Code	Name					Qualifier 1 Value 1	Qualifier 2 Value 2 Uni	ts Qualifier 1		Qualifier 2 Value 2 Qualifier 3 Value 3				
					Sample			=	10.95		04 - deg C		02/PT - Twice Per Permit Term	
00010	010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		04 - deg C	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	149		11 - umho/cm		02/PT - Twice Per Permit Term	
00094	Conductivity	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		11 - umho/cm	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	11.35		19 - mg/L		02/PT - Twice Per Permit Term	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	16		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.				Req Mon SINGGRAB		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	74.6		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00340	Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	8.92		12 - SU		02/PT - Twice Per Permit Term	CP - COMPO
00400	рН	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		12 - SU	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	29.3		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00530	530 Solids, total suspended 1	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	2.12		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00556	556 Oil & Grease	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	1.37		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI									
					Sample			=	0.541		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMP		-	0	02/PT - Twice Per Permit Term	CP - COMPO
					Value NODI									
					Sample			=	0.0869		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00665	Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	0	02/PT - Twice Per Permit Term	
00000	· · · · · · · · · · · · · · · · · · ·	. Lindon Grood			Value NODI				roq mon on toor and			-	92, 1 111,00 1 01 1 011111 1 01111	0. 00 0.
					Sample			_	0.0495		19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPOS
ററടെ	Phosphorus, dissolved	1 - Effluent Gross	0	_	Permit Req.			_	Reg Mon SINGSAMP		-	0	02/PT - Twice Per Permit Term	
00000	Triospriorus, dissolved	Lindent Gross	O		Value NODI				req won on toor wil		15 Hig/L		02/11 Twice Ferri emili Temi	OI COMI O
					Sample			_	0.00208		28 - ug/L		02/PT - Twice Per Permit Term	CP - COMPOS
20516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0		Permit Req.			_	Reg Mon SINGSAMP		28 - ug/L	1	02/PT - Twice Per Permit Term	
39310	Folychionnated diphenyls [FGBs]	1 - Ellidelit Gloss	U	_	Value NODI				Red MOU SUNGSAME		26 - ug/L	- '	02/F1 - Twice Fel Fellillt Tellil	CF - COIVIFO
					Sample				1553.1		3Z - CFU/100mL		02/PT - Twice Per Permit Term	CD COMPOS
E1040	E coli	1 Effluent Cross	0					=						
51040	E. coli	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		3Z - CFU/100mL	'	02/PT - Twice Per Permit Term	CP - COIVIPUS
					Value NODI				72.0		10 mg/l		02/DT Twice Per Permit T	CD COMPO
70005	Outide Askel disease, a	4. 550			Sample			=	72.9		19 - mg/L		02/PT - Twice Per Permit Term	
/0295	Solids, total dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		19 - mg/L	U	02/PT - Twice Per Permit Term	CP - COMPOS
					Value NODI						0::			
					Sample			=	6.82		17 - pCi/L		02/PT - Twice Per Permit Term	
80029	Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMP		17 - pCi/L	0	02/PT - Twice Per Permit Term	CP - COMPOS

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 1/16/17; PCBs exceeded WQS; E. coli exceeded WQS; E. coli met 24-hr hold time but not 6-hr hold time; oil and grease was "J" flagged by lab, result above detection limit and below reporting limit, result cannot be quantified; dissolved phosphorous "J" flagged, result cannot be quantified.

Attachments

No attachments.

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-22 14:12 (Time Zone: -05:00)

Name:

E-Mail:

John Kay

jtkay@sandia.gov

Permit

NMR04A012 Permit #:

Permittee: NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

Major: No

Permittee Address: P.O. BOX 5800, MS-0730

ALBUQUERQUE, NM 87185-0730

Facility Location: 1515 EUBANK BLVD. SE ALBUQUERQUE, NM 87123

NetDMR Validated

DEPARTMENT OF ENERGY/SANDIA NATIONAL LABORATORIES

Facility:

Status:

Permitted Feature: 005 Discharge:

005-DB External Outfall SWSP-36 - DRY SEASON

Report Dates & Status

Monitoring Period: From 07/01/16 to 06/30/17 DMR Due Date: 12/01/17

Considerations for Form Completion

SEASONAL MONITORING PERIODS ARE: WET SEASON = JULY 1-OCT. 31 & DRY SEASON = NOV. 1-JUNE 30. SEPARATE DMRS REQUIRED FOR EACH SEASON. DMRS TO BE SUBMITTED DUE DEC. 1ST, FOLLOWING END OF MONIT. PERIOD. PERMIT REQUIRES A MIN. OF 8 EVENTS PER LOC. PER PERMIT TERM (4 WET SEASON, 2 DRY SEASON & 2 PERMITTEE'S CHOICE).

Principal Executive Officer

Title: First Name: Jaime

Moya

Direcotr of ESH

Telephone: 505-844-7955

No Data Indicator (NODI)

Parameter	Monitoring Locatio	on Season	# Param. NODI	NODI Quantity or Loading				Quality or Concentration			Ex. Frequency of Analysis	Sample Type
Code Name				Q	ualifier 1 Valu	e 1 Qualifier 2 Value 2	2 Units Qualifier	1 Value 1	Qualifier 2 Value 2 Qualifier 3 Value 3 Units			
				Sample			=	6.49	04 - deg C		02/PT - Twice Per Permit Term	CP - COMPO
00010 Temperature, water deg. centigrade	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF	04 - deg C	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample			=	79	11 - umho/c	m	02/PT - Twice Per Permit Term	CP - COMPO
00094 Conductivity	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF	11 - umho/c	m 0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample			=	10.36	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00300 Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF	19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample			-	18	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.				Req Mon SINGGRAE	3 19 - mg/L	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI								
				Sample			=	105	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00340 Oxygen demand, chem. [high level] [COD]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMF		0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI				· ·				
				Sample			=	7.52	12 - SU		02/PT - Twice Per Permit Term	CP - COMPO
00400 pH	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF	12 - SU	0	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI				<u> </u>				
				Sample			_	32	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMF	-	0	02/PT - Twice Per Permit Term	
				Value NODI					, ag =			
				Sample			_	1.33	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
556 Oil & Grease	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF		0	02/PT - Twice Per Permit Term	
55555 G.I. G. 5.5655	. Ziiidoin Orooo			Value NODI				rtoq mon on toor min	10 mg/2		02/11/11/00/19/19/19/19/19	
				Sample			_	1.95	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF		0	02/PT - Twice Per Permit Term	
ooozo maogon, njolaani, total [ao mj				Value NODI				rtoq mon on too, um	10 mg/2		52/11 TWISST STT STILL TSTILL	. 6. 66 6
				Sample			_	0.612	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00630 Nitrite + Nitrate total [as N]	1 - Effluent Gross	0		Permit Req.				Reg Mon SINGSAMF	_	0	02/PT - Twice Per Permit Term	
ooooo mano i mado total [ao m]	1 - Lindent Gross	3 0		Value NODI				rtoq mon on too, um	10 mg/2		52/11 TWISST STT STILL TSTILL	. 6. 66 6
				Sample			_	0.173	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF		0	02/PT - Twice Per Permit Term	
ooooo i nospriorus, total [as i]	1 - Lilidelli Oloss	U		Value NODI				rteq Mon Sintosalm	13 - mg/L		02/11 - Twice Fel Fellin Tellin	i Ci - COIVII O
				Sample			_	0.126	19 - mg/L		02/PT - Twice Per Permit Term	CP - COMPO
00666 Phosphorus, dissolved	1 - Effluent Gross	0		Permit Req.			-	Reg Mon SINGSAMF		0	02/PT - Twice Per Permit Term	
00000 Filospilotus, dissolved	1 - Elliuelli Gioss	033		Value NODI				Req Mon SingsAMF	19 - Hig/L		02/F1 - Twice Fel Fellill Tellil	I CF - COIVIFO
				Sample			_	0.00191	28 - ug/L		02/PT - Twice Per Permit Term	CP COMPO
20516 Delyablarinated hiphanyla [DCRa]	1 - Effluent Gross	0					-				02/PT - Twice Per Permit Term	
39516 Polychlorinated biphenyls [PCBs]	1 - Elliuent Gross	0		Permit Req. Value NODI				Req Mon SINGSAMF	28 - ug/L		02/P1 - Twice Per Permit Term	1 CP - COMPO
								224	27. 0511/4/	01	00/DT Twice Der Dermit Term	CD COMPO
54040 F. anli	1 Ffluent Cross	0		Sample Darmit Darr			=	331	3Z - CFU/10		02/PT - Twice Per Permit Term	
51040 E. coli	1 - Effluent Gross	0	-	Permit Req.				Req Mon SINGSAMF	9 3Z - CFU/10	OML 1	02/PT - Twice Per Permit Term	CP - COMPO
				Value NODI				00.0	40 "		02/DT Turing Des Descrit T	CD COMPO
70005 0-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	4 5000000			Sample			=	92.9	19 - mg/L		02/PT - Twice Per Permit Term	
70295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF	9 19 - mg/L	U	02/PT - Twice Per Permit Term	1 CP - COMPO
				Value NODI								00.0015-5
				Sample			=	1.53	17 - pCi/L		02/PT - Twice Per Permit Term	
80029 Alpha gross radioactivity	1 - Effluent Gross	0		Permit Req.				Req Mon SINGSAMF	7 17 - pCi/L	0	02/PT - Twice Per Permit Term	CP - COMPO

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Sample date 4/25/17; PCBs exceeded WQS; E. coli exceeded WQS; E. coli met 6-hr hold time; oil and grease "J" flagged by lab, result above detection limit and below reporting limit, result not quantifiable; TKN "B" flagged by lab, parameter detected in lab blank, result may be biased high.

Attachments

No attachments

Report Last Saved By

NATIONAL TECHNOLOGY & ENGINEERING SOLUTIONS OF SANDIA, LLC

User: JOHNTKAYSANDIA

Date/Time: 2017-08-22 14:12 (Time Zone: -05:00)

John Kay

jtkay@sandia.gov

Name: E-Mail: