



Environmental Services Group Incorporated

Safety / Health / Environmental / Regulatory Services

April 3, 2019

Mr. Alex Kreps, P.E.
Permit Engineer
NPDES Permit Section, Office of Water Quality
Arkansas Department of Environmental Quality
5301 Northshore Drive
North Little Rock, AR 72118-5317

RE: NPDES Permit Application Submittal – B & B Construction of Camden, Inc. – Starks Mine

Dear Mr. Kreps,

ESGI, on behalf of our client, B & B Construction of Camden, Inc., 1257 Highway 9, Bearden, Arkansas 71720, is submitting the attached NPDES Permit application package for their Starks Mine location.

Specifically, the attached application package includes the following completed documents:

- NOI for NPDES General Permit ARG500000
- Disclosure Statement
- Site Plan Map
- Process Description Diagram
- Topographic Map
- Outfall Spillway Diagram and Measurement Calculations
- Representative Water Sample Laboratory Test Results for Outfall 001
- Check for the required \$200 Application Fee.

Should you have any questions or additional comments on this request, please feel free to contact me at 501-663-4731 or via email tmcdonald@esgisafety.com.

Sincerely,

Timothy E. McDonald, P.E.
Vice -President, ESGI on behalf of B & B Construction of Camden., Inc.

Cc: Mrs. Trina King, Owner, B & B Construction of Camden, Inc.

**ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY
NOTICE OF INTENT
AGGREGATE FACILITIES
NPDES GENERAL PERMIT ARG500000**

Application Type: **New** ☒ **Renewal** ☐ (Permit # ARG50 _____)

I. PERMITTEE/OPERATOR INFORMATION

Permittee (Legal Name): B & B Construction of Camden, Inc. Operator Type:
Permittee Mailing Address: 1257 Highway 9 ☐ State ☐ Partnership
Permittee City: Bearden ☐ Federal ☒ Corporation*
Permittee State: Arkansas Zip: 71720 ☐ Sole Proprietorship/Private
Permittee Telephone Number: 870-687-3397 *State of Incorporation: Arkansas
Permittee Fax Number: None The legal name of the Permittee must be
Permittee E-mail Address: c.a.king@suddenlink.net identical to the name listed with the
Arkansas Secretary of State.

II. INVOICE MAILING INFORMATION

Invoice Contact Person: Trina King City: Bearden
Invoice Mailing Company: B & B Construction of Camden, Inc. State: Arkansas Zip: 71720
Invoice Mailing Address: 1257 Highway 9 Telephone: 870-687-3397

III. FACILITY INFORMATION

Facility Name: Starks Mine Facility Contact Person: Charles King
Facility Address: 1257 Highway 9 Telephone Number: 870-687-3397
Driving Directions to Facility: Go south on I-530 toward El Dorado, after 10 miles take exit 10 onto Hwy 167S towards Sheridan, in 23 mi turn right onto Hwy 46S, in 14 mi take turn to stay on 46S, in 5.8 mi turn left on Hwy 9, continue for 28 mi, mine on left
Facility County: Ouachita Facility City, State & Zip: Bearden, Arkansas 71720
Facility Latitude: 33 Deg 46 Min 5.84 Sec N Facility Longitude: -92 Deg 42 Min 21.04 Sec W
Datum
Accuracy: Unknown Method: GPS : NAD83 Scale: N/A Description: Front Gate
Facility SIC Code: 1442 Facility NAICS: 212321

IV. DISCHARGE INFORMATION

Outfall Number: 001 Estimated Flow: 0.01 MGD (Million Gallons per Day)
Effluent Description: Gravel wash water after flowing from a series of settling ponds
Stream Segment: 2D Hydrologic Basin Code: 8040201
Outfall Latitude: 33 Deg 46 Min 16 Sec N Outfall Longitude: -92 Deg 41 Min 52 Sec W
Datum
Accuracy: unknown Method: GPS : NAD83 Scale: N/A Description: Release Point
Receiving Stream: Freeo Creek, thence into the Ouachita River
Treatment System*: Series of Settling Ponds
Outfall Number: N/A Flow: _____ MGD (Million Gallons per Day)
Effluent Description: _____
Stream Segment: _____ Hydrologic Basin Code: _____

WATER DIVISION
5301 NORTHSORE DRIVE / NORTH LITTLE ROCK, ARKANSAS 72118
PHONE 501-682-0623 / FAX 501-682-0880
www.adeq.state.ar.us

V. FACILITY PERMIT INFORMATION

NPDES Individual Permit Number (If Applicable): AR00
NPDES General Permit Number (If Applicable): ARG500000
State Construction Permit Number: ARG50 C
NPDES General Construction Stormwater Permit Number (If Applicable): ARR15
NPDES Industrial Stormwater General Permit Number: ARR00
Mining Permit Number: 0668 MN-A1
Other Department Permits: 0772-MN

VI. OTHER INFORMATION:

1. Does this facility intend to dredge or remove sand or gravel from within the submerged portions of a stream or drainage? Yes ☐ No ☒ X
2. Is the facility a producer of industrial sand? ☐ X

Geological Description of Site: Surface Pit, mining construction sand and gravel
Additional Location Description: Site contains a series of settling ponds to clarify gravel wash water
Additional Comments: _____
Consultant Contact Name: Timothy McDonald
Consultant Email Address: tmcdonald@esgisafety.com
Consultant Address: 2300 Cottondale, Ste 260 City: Little Rock State: AR Zip: 72202
Consultant Phone Number: 501-663-4731 Consultant Fax Number: 501-663-7798

VII. CERTIFICATION OF OPERATOR

"I certify that, if this facility is a corporation, it is registered with the Secretary of the State of Arkansas. I certify that the cognizant official designated in this Application is qualified to act as a duly authorized representative under the provisions of 40 CFR 122.22(b). If no cognizant official has been designated, I understand that the Department will accept reports signed only by the Applicant. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Responsible Official Printed Name: Trina King Title: Secretary / Owner
Responsible Official Signature: Trina King Date: 3/29/19
Responsible Official Email: c.a.king@suddenlink.net
Cognizant Official Printed Name: Charles King Title: Manager
Cognizant Official Signature: Charles King Telephone: 870-833-1856
Cognizant Official Email: c.a.king@suddenlink.net

X. PERMIT REQUIREMENT VERIFICATION

Please check the following to verify completion of permit requirements. If you answer "NO" to any of questions below the application will be considered incomplete and cause a delay in the permitting process.

	Yes	No	
Submittal of Complete NOI?	X	☐	
Submittal of Required Permit Fee?	X	☐	New Permittees Only Check Number: <u>24804</u>
Submittal of Topographic Map?	X	☐	
Submittal of Disclosure Statement?	X	☐	
Industrial Operator's License Number:			<u>012495</u>

ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY DISCLOSURE STATEMENT

Instructions for the Completion of this Document:

- A. Individuals, firms or other legal entities with no changes to an ADEQ Disclosure Statement, complete items 1 through 5 and 18.
- B. Individuals who never submitted an ADEQ Disclosure Statement, complete items 1 through 4, 6, 7, and 16 through 18.
- C. Firms or other legal entities who never submitted an ADEQ Disclosure Statement, complete 1 through 4, and 6 through 18.

If Not Submitting by ePortal, Mail Original to:

ADEQ

DISCLOSURE STATEMENT

[List Proper Division(s)]

5301 Northshore Drive

North Little Rock, AR 72118-5317

1. APPLICANT: (Full Name)

B & B Construction of Camden, Inc.

2. MAILING ADDRESS: (Number and Street, P.O.Box Or Rural Route)

1257 Hwy 9

3. CITY, STATE, AND ZIPCODE:

Bearden, Arkansas 71720

4a. Applicant Type:

☐ Individual ☒ Corporate or Other Entity

4b. Reason for Submission:

☒ Permit ☐ License ☐ Certification ☐ Operational Authority

☒ New Application ☐ Modification ☐ Renewal Application (If no changes from previous disclosure statement, complete number 5 and 18.)

4c. Programs:

☐ Air ☒ Water ☐ Hazardous Waste ☐ Regulated Storage Tank ☐ Mining ☐ Solid Waste ☐ Used Tire Program

5. Declaration of No Changes:

The violation history, experience and credentials, involvement in current or pending environmental lawsuits, civil and criminal, have not changed since the last Disclosure Statement that was filed with ADEQ on _____

6. Describe the experience and credentials of the Applicant, including the receipt of any past or present permits, licenses, certifications or operational authorization relating to environmental regulation. (Attach additional pages, if necessary.)

Over 18 years in the mining of construction sand and gravel at the Starks Mine location, holding the following Arkansas Mining Permits over that course of time:

AFIN 52-00591 - Permit # 0668 MN-A1 --- Starks Mine

AFIN 52-00590 - Permit # 0473 MN-A1

AFIN 52-00689 - Permit # 0772-MN - Labeff Mine

7. List and explain all civil or criminal legal actions by government agencies involving environmental protection laws or regulations against the Applicant * in the last ten (10) years including:

1. Administrative enforcement actions resulting in the imposition of sanctions;
2. Permit or license revocations or denials issued by any state or federal authority;
3. Actions that have resulted in a finding or a settlement of a violation; and
4. Pending actions.

(Attach additional pages, if necessary.)

NONE

* Firms or other legal entities shall also include this information for all persons and legal entities identified in sections 8-16 of this Disclosure Statement.

8. List all officers of the Applicant. (add additional pages, if necessary.)

NAME: Beverly Foster TITLE: President / Owner

STREET: 1111 Ridgeview Street

CITY, STATE, ZIP: Camden, AR 71701

NAME: Monda Clavborn TITLE: Vice-President / Owner

STREET: 3100 Huron Street

CITY, STATE, ZIP: Camden, AR 71701

NAME: Trina King TITLE: Secretary / Owner

STREET: 118 N. Kingswood Drive

CITY, STATE, ZIP: Mountain Home, AR 71753

9. List all directors of the Applicant. (Add additional pages, if necessary.)

NAME: N / A TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

10. List all partners of the Applicant. (Add additional pages, if necessary.)

NAME: N / A TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

11. List all persons employed by the Applicant in a supervisory capacity or with authority over operations of the facility subject to this application.

NAME: Charles King TITLE: Manager

STREET: 118 N. Kingswood Drive

CITY, STATE, ZIP: Mountain Home, AR 71753

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

12. List all persons or legal entities, who own or control more than five percent (5%) of the Applicant's debt or equity.

NAME: Beverly Foster TITLE: President / Owner

STREET: 1111 Ridgerview Street

CITY, STATE, ZIP: Camden AR 71701

NAME: Monda Clayborn TITLE: Vice President / Owner

STREET: 3100 Huron Street

CITY, STATE, ZIP: Camden AR 71701

NAME: Trina King TITLE: Secretary / Owner

STREET: 118 North Kingswood Drive

CITY, STATE, ZIP: Mountain Home AR 72653

13. List all legal entities, in which the Applicant holds a debt or equity interest of more than five percent (5%).

NAME: N / A TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

14. List any parent company of the Applicant. Describe the parent company's ongoing organizational relationship with the Applicant.

NAME: N / A

STREET: _____

CITY, STATE, ZIP: _____

Organizational Relationship:

--

15. List any subsidiary of the Applicant. Describe the subsidiary's ongoing organizational relationship with the Applicant.

NAME: N / A

STREET: _____

CITY, STATE, ZIP: _____

Organizational Relationship:

--

16. List any person who is not now in compliance or has a history of noncompliance with the environmental law or regulations of this state or any other jurisdiction and who through relationship by blood or marriage or through any other relationship could be reasonably expected to significantly influence the Applicant in a manner which could adversely affect the environment.

NAME: None TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

NAME: _____ TITLE: _____

STREET: _____

CITY, STATE, ZIP: _____

17. List all federal environmental agencies and any other environmental agencies outside this state that have or have had regulatory responsibility over the Applicant.

NONE

18. VERIFICATION AND ACKNOWLEDGEMENT

The Applicant agrees to provide any other information the director of the Arkansas Department of Environmental Quality may require at any time to comply with the provisions of the Disclosure Law and any regulations promulgated thereto. The Applicant further agrees to provide the Arkansas Department of Environmental Quality with any changes, modifications, deletions, additions or amendments to any part of this Disclosure Statement as they occur by filing an amended Disclosure Statement.

DELIBERATE FALSIFICATION OR OMISSION OF RELEVANT INFORMATION FROM DISCLOSURE STATEMENTS SHALL BE GROUNDS FOR CIVIL OR CRIMINAL ENFORCEMENT ACTION OR ADMINISTRATIVE DENIAL OF A PERMIT, LICENSE, CERTIFICATION OR OPERATIONAL AUTHORIZATION.

COMPLETE THIS SECTION ONLY IF SUBMITTING OTHER THAN BY EPORTAL:

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

APPLICANT
SIGNATURE:

Trina King

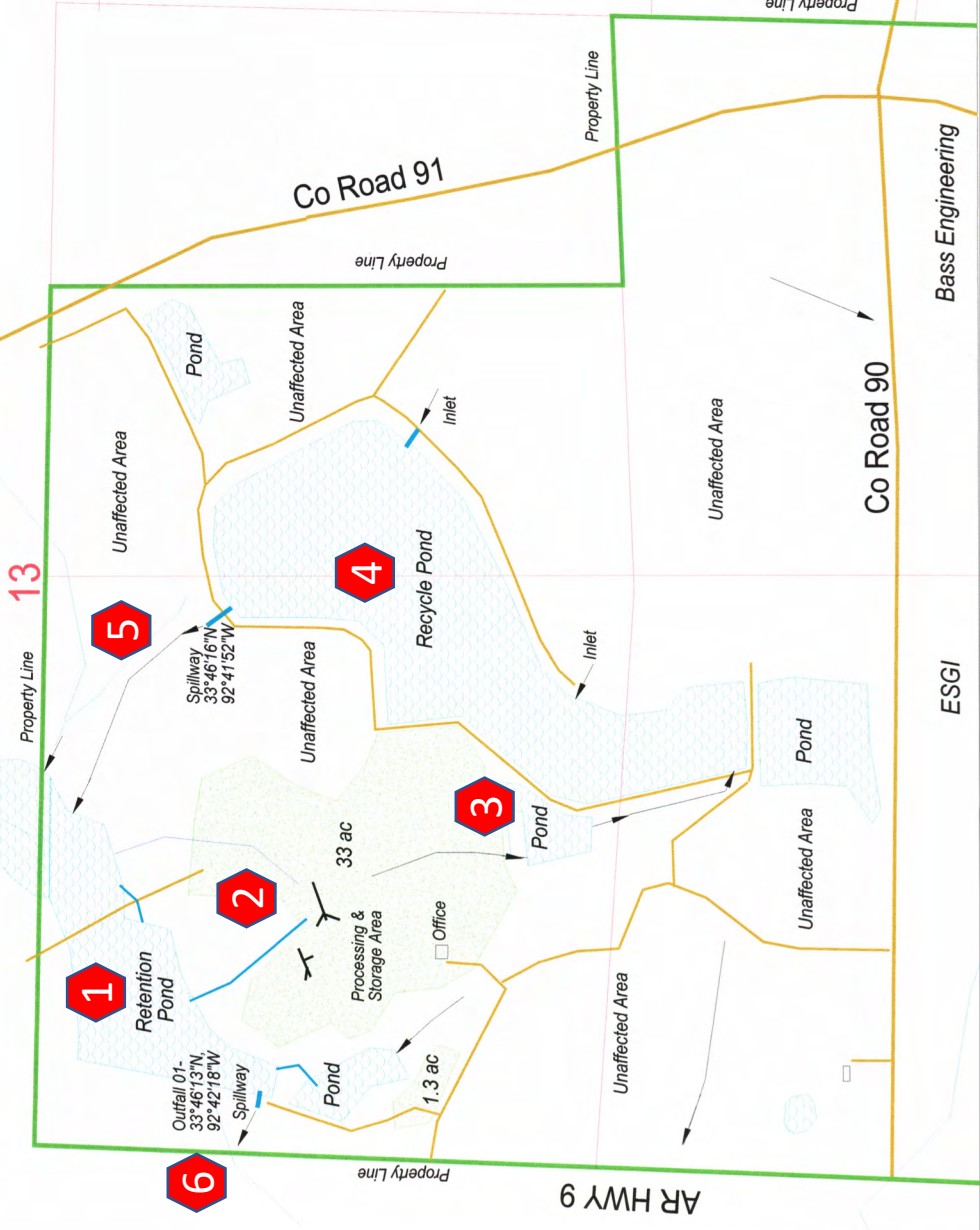
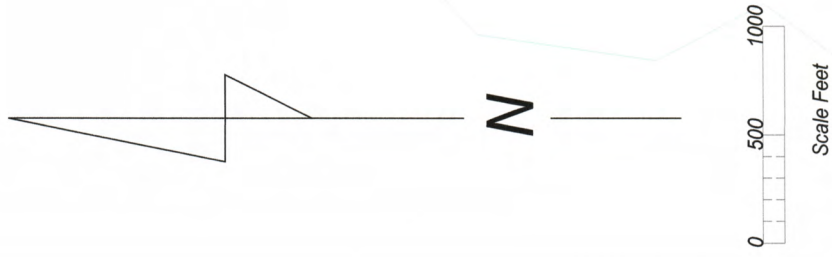
TITLE:

Owner

DATE:

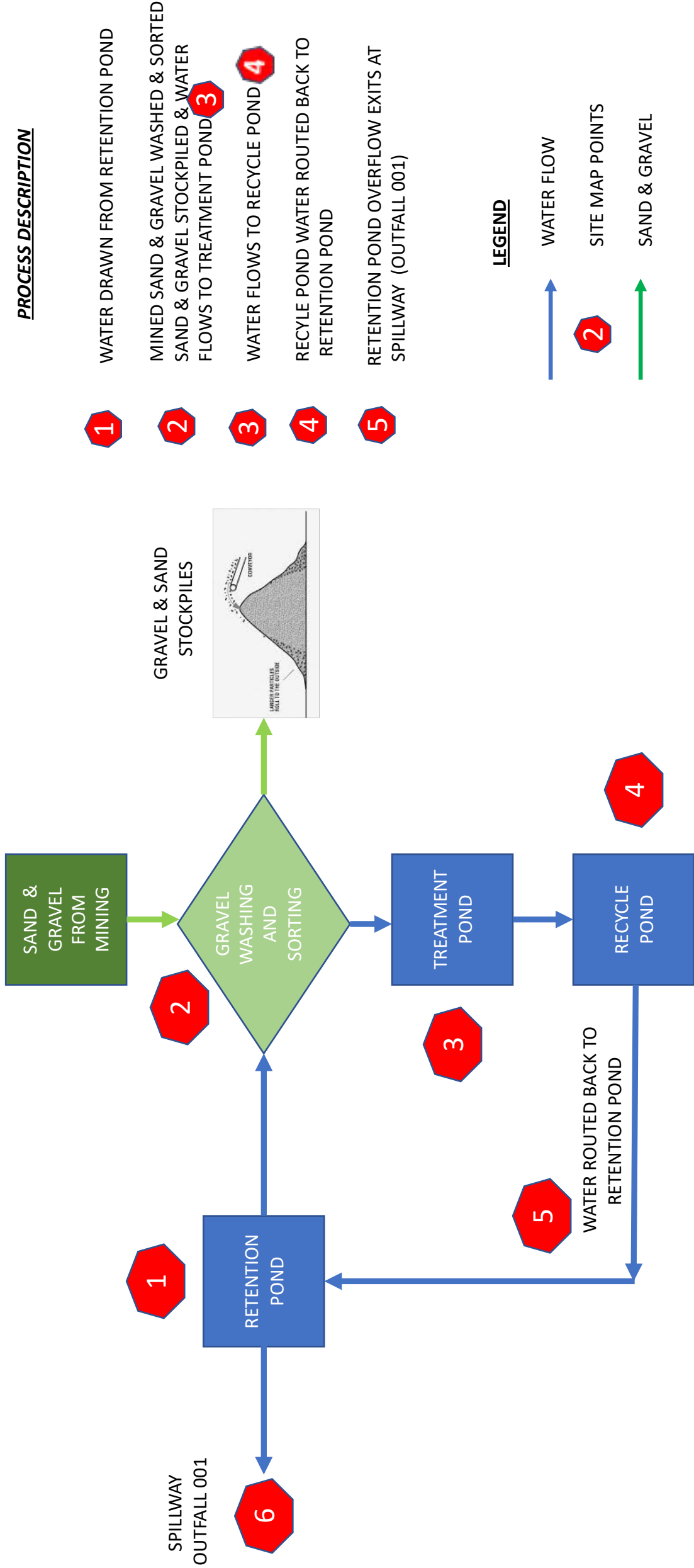
10-11-18

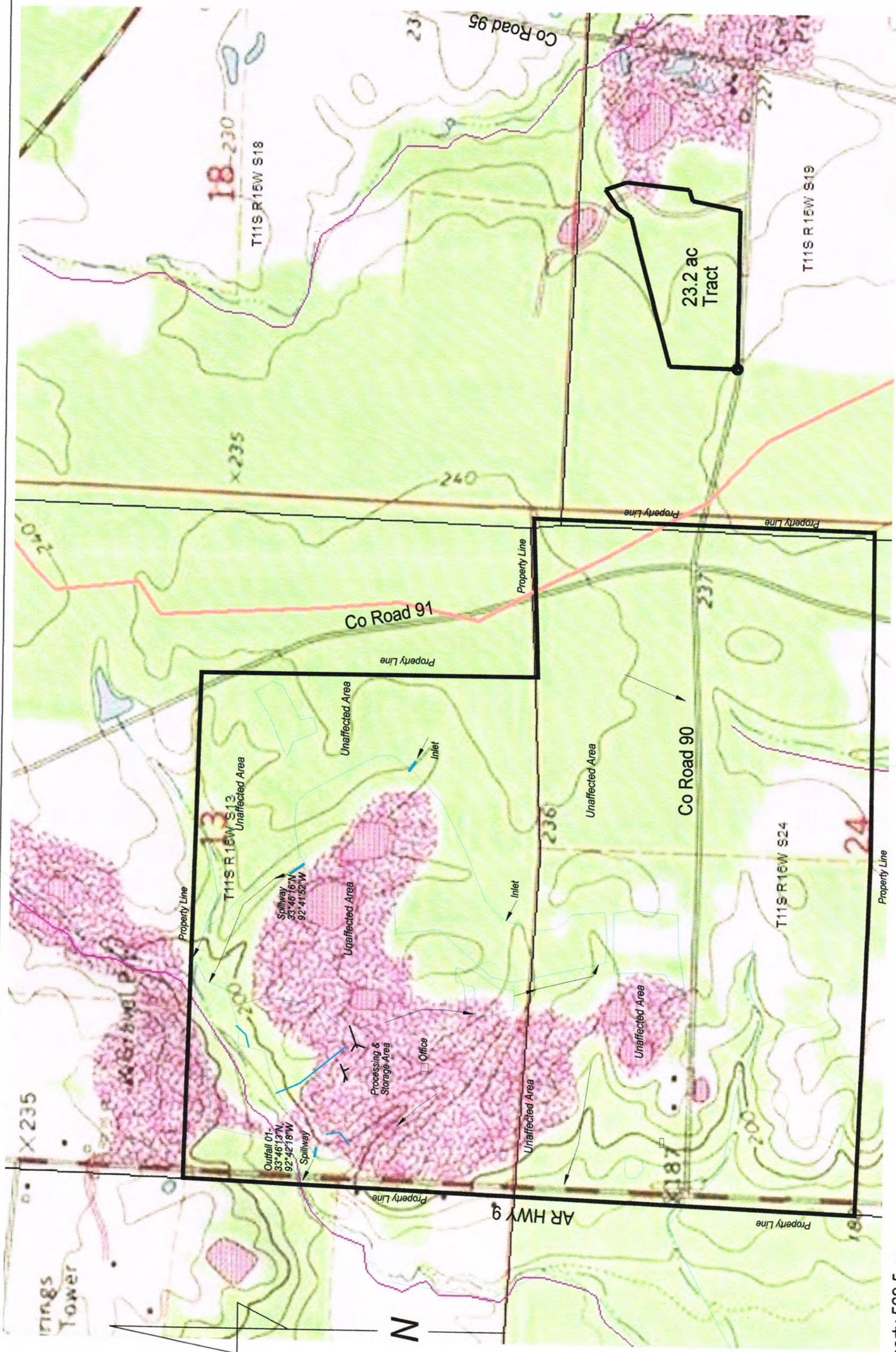
B&B Gravel Mine Permit Area
(401 Ac)



PROCESS FLOW DIAGRAM AND DESCRIPTION

NPDES PERMIT – B & B CONSTRUCTION OF CAMDEN, INC. – STARKS MINE





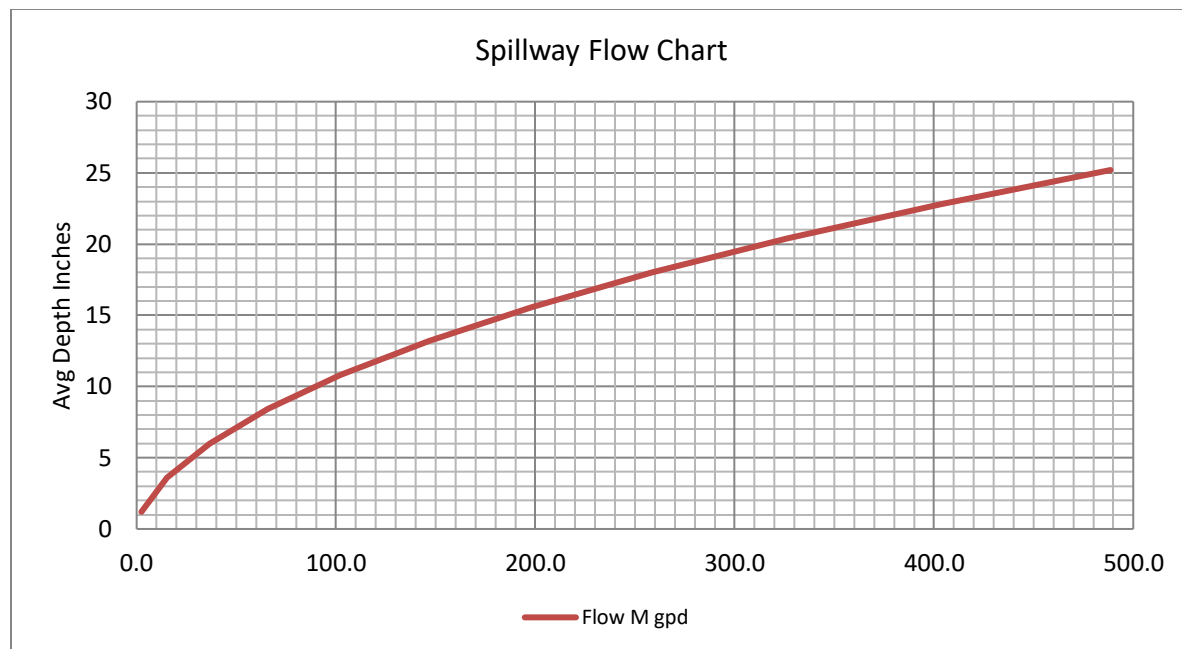
Total Property 569.5 ac
401ac above Co Road 90
168.5 ac below Co Road 90

ESGI

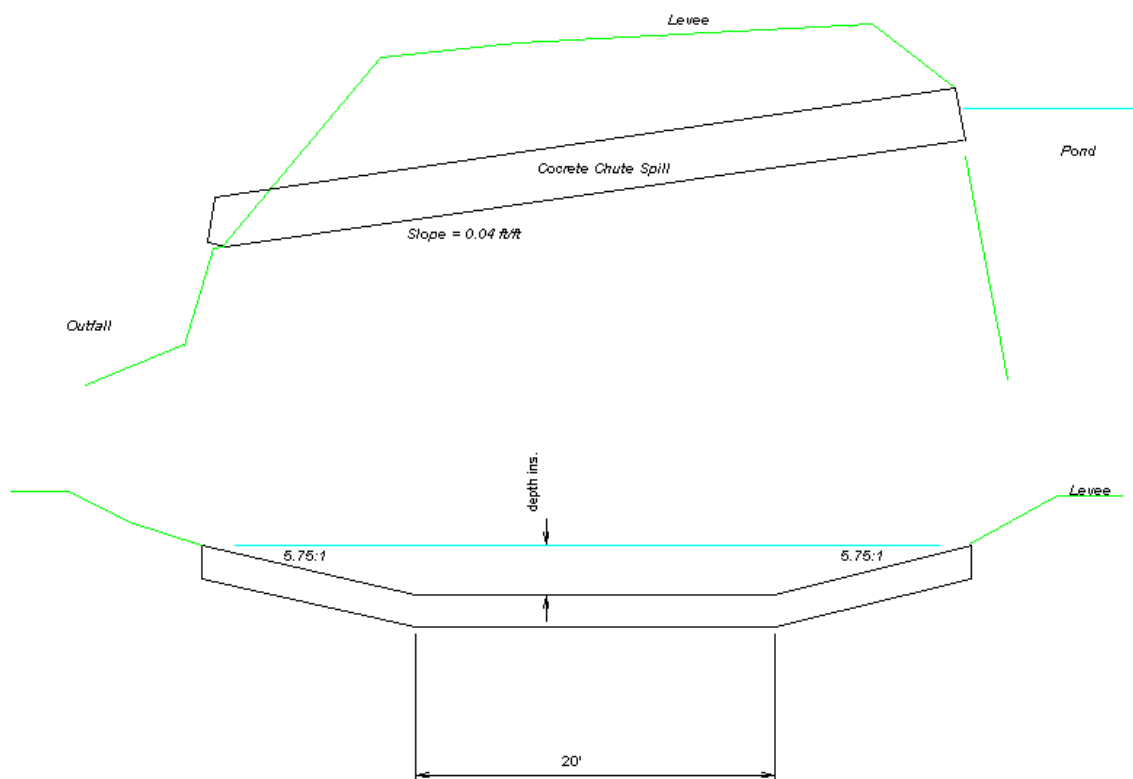


B&B Gravel Mine Property

Bass Engineering



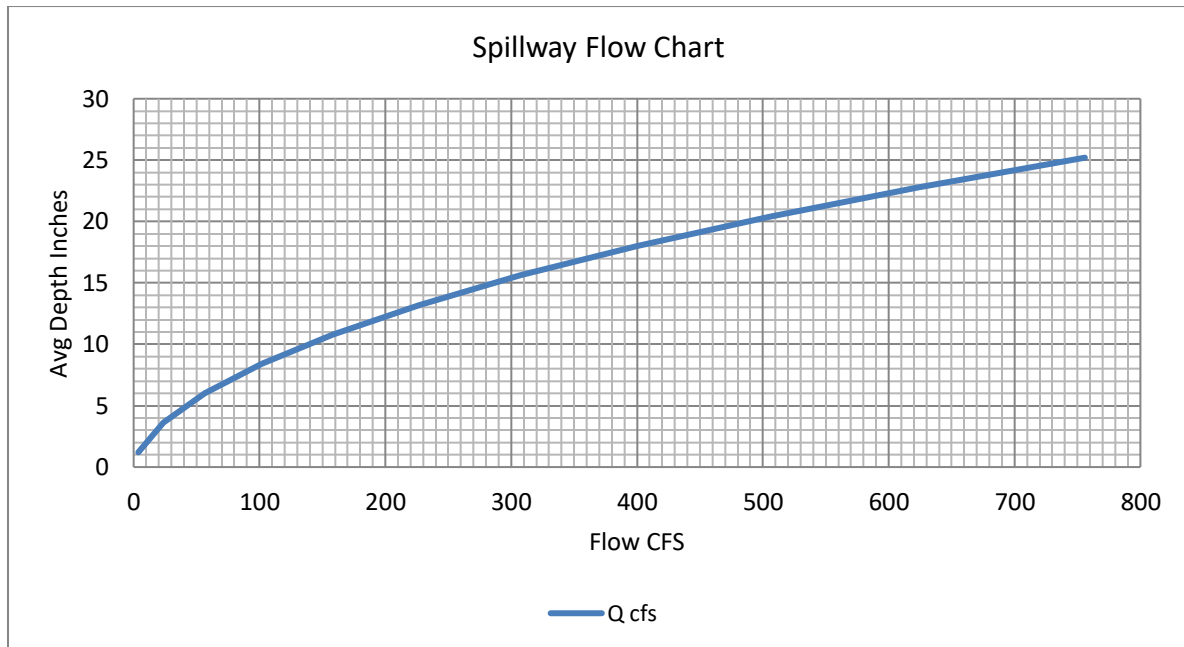
Million gals per day



Schematic of Concrete Chute Spillway

Stark Mine Discharge Concrete Spillway

Side Slopes	Bo Wd	Top Wd	Ht	Ln	Slope	Area	WP	R	n	Vel	Q
z	ft	ft	ft	ft	ft/ft	sf	ft	a/wp		fps	cfs
5.75	20	21.15	0.1	26	0.04	2.06	21.17	0.10	0.035	1.8	4
5.75	20	23.45	0.3	26	0.04	6.52	23.50	0.28	0.035	3.6	24
5.75	20	25.75	0.5	26	0.04	11.44	25.84	0.44	0.035	4.9	57
5.75	20	28.05	0.7	26	0.04	16.82	28.17	0.60	0.035	6.0	102
5.75	20	30.35	0.9	26	0.04	22.66	30.51	0.74	0.035	7.0	158
5.75	20	32.65	1.1	26	0.04	28.96	32.84	0.88	0.035	7.8	227
5.75	20	34.95	1.3	26	0.04	35.72	35.17	1.02	0.035	8.6	307
5.75	20	37.25	1.5	26	0.04	42.94	37.51	1.14	0.035	9.3	400
5.75	20	39.55	1.7	26	0.04	50.62	39.84	1.27	0.035	10.0	506
5.75	20	41.85	1.9	26	0.04	58.76	42.18	1.39	0.035	10.6	624
5.75	20	44.15	2.1	26	0.04	67.36	44.51	1.51	0.035	11.2	756



Note: Average Depth of Flow Measured in Concrete Chute when Flowing

Arkansas Testing Laboratories

3301 Langley Drive · Searcy, AR 72143 (501) 269-6431 f(844) 314-7030

NPDES Wastewater Monitoring
Water and Wastewater Analysis
Concrete, Asphalt, and Aggregate Testing
Geotechnical Testing
Industrial and Construction Quality Control

B & B CONSTRUCTION

1257 HWY 9

BEARDEN, AR 71720

Collection Date: October 24, 2018

Collection Time: 12:23 PM TM

Collection Place: **Outfall 001**

Wastewater Analysis

Parameter	Analysis Begin Date / Time	Analysis End / Time	Date	Results	Unit	Analyst	% Spike	Rel	Sample Type	Ref #
BOD	10/26 12:18 PM	10/31	11:30 AM	< 2.0	mg/l	KLB/KLB	105.8	12.85	Grab	1
TSS	10/09 4:05 PM	NA	NA	3	mg/l	RDY	NA	0.00	Grab	2
pH	10/08 9:35 AM	NA	NA	7.95	S.U.	TM	NA	NA	Grab	3
Ammonia Nitrogen	10/26 3:00 PM	NA	NA	< 0.1	mg/l	RDY	105.0	0.47	Grab	4
COD	10/26 1:30 PM	NA	NA	11	mg/l	KLB	96.8	0.00	Grab	5
TOC	11/02 4:17 PM	11/02	7:09 PM	4.4	mg/l	AI 308	105.0	0.0862	Grab	6

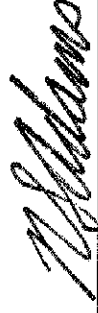
Quality Assurance: All Parameters include 10% duplication studies by random selection. The following equipment is checked and calibrated daily: pH meter, balance, incubators, water baths, drying oven and sterilizing apparatus. Ammonia Nitrogen and Oil & Grease Analysis include duplication and spike studies at a rate of at least 10%.

Notes: Samples iced at collection. Preserved with H₂SO₄ to pH₂; Oil & Grease, Ammonia, COD

References:

Analysis complies with 40 CFR Part 136:

1. SM 5210 B-2011
2. SM 2540 D-2011
3. SM 4500-HB-2011
4. SM 4500 NH3-D-2011
5. Hach 8000
6. SM 5310 C 2011



Neville Adams, Manager



Arkansas Testing Laboratories
3301 Langley Drive
Searcy, AR 72143

ANALYTICAL RESULTS

AIC No. 228302-1

Sample Identification: B+B Construction 24-Oct-2018 1223

<u>Analyte</u>	<u>Result</u>	<u>RL</u>	<u>Units</u>	<u>Qualifier</u>
Total Organic Carbon	4.4	1	mg/l	
SM 5310 C 2011	Prep: 02-Nov-2018 1617 by 308	Analyzed: 02-Nov-2018 1909 by 308	Batch: W65958	

3301 Langley Drive
Searcy, AR 72143
Off 501-268-6431
Fax 501-268-9314
@SBCGLOBAL.NET

ARKATL@SBCGLOBAL.NET

228302

0.7



Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
3301 Langley Drive
Searcy, AR 72143

This report contains the analytical results and supporting information for the sample received on October 31, 2018. Attached please find a copy of the Chain of Custody and/or other documents received. Note that any remaining sample will be discarded two weeks from the original report date unless other arrangements are made.

This report is intended for the sole use of the client listed above. Assessment of the data requires access to the entire document.

This report has been reviewed by the Chief Operating Officer or a qualified designee.

A handwritten signature in cursive script that reads 'Steve Bradford'. The signature is written in black ink and is positioned above a horizontal line.

Steve Bradford
Deputy Laboratory Director

This document has been distributed to the following:

PDF cc: Arkansas Testing Laboratories
ATTN: Ms. Lorrie Barbee
arkatl@sbcglobal.net

3301 Langley Drive
Searcy, AR 72143
Off 501-268-6431
Fax 501-268-9314

- *NPDES Wastewater Monitoring
- *Water and Wastewater Analysis
- *Concrete, Asphalt, and Aggregate Testing
- *Geotechnical Testing
- *Industrial and Construction Quality Control

[illegible]

Q. L. H = Quart. Liter. Half Gallon
P, G = Plastic, Glass

Relinquished by: <i>Timothy McDonald</i>	Date/Time 10/26/18 11:15 AM	Received by: <i>[Signature]</i>	Date/Time 10/26/18 11:15 AM
Relinquished by: <i>[Signature]</i>	Date/Time 10/26/18 12:00 PM	Received by: <i>[Signature]</i>	Date/Time 10/26/18 12:00 PM

REC'D INTO THE LAB
J.D. OC

24804

IBERIABANK

IBERIABANK
 10000 N. W. 10th Ave.
 Miami, FL 33150
 (305) 571-4100

3/29/2019

PAY TO THE
 ORDER OF ADEQ

\$ 200.00

Two Hundred and 00/100

DOLLARS

ADEQ

5101 Northshore Drive

North Little Rock, AR 72115-5317

MEMO

B & B Construction - Discharge permit

⑈024804⑈ ⑆265270413⑆ 20000120634⑈

24804

200.00

3/29/2019

ESGI INC.

ADEQ

Licenses and Permits

B & B Construction - Discharge permit

Pulaski Bank - ESGI B & B Construction - Discharge permit

200.00