H D Lang and Associates, Inc.

Surveyors and Engineers 4099 North State Street Jackson, Mississippi 39206

April 16, 2020

Mississippi Department of Environmental Quality Office of Pollution Control P.O. Box 2261 Jackson, MS 39225-2261

Attention: Ms. Florance Bass Municipal and Private Facilities Branch Environmental Permits Division

Reference: Trace Pointe – Lots 1-22 City of Clinton, Mississippi

Dear Ms. Bass:

On behalf of our client, Trace Point of Clinton, LLC, we are submitting the following information on the above referenced project for storm water coverage:

- 1. completed LCNOI forms
- 2. storm water pollution prevention plan
- 3. project plotted on quad map
- 4. vicinity map
- 5. letter of intent to provide water and sewer service from the City of Clinton
- 6. Trace Point, LLC's current status with Secretary of State
- 7. erosion, sediment and storm water control plan sheet

Thank you for your assistance with this project and if additional information is required, please do not hesitate to call.

Sincerely,

Jason B. Horton, P.E. Vice President

JBH/kp

transmittals

MSR10 _____

(NUMBER TO BE ASSIGNED BY STATE)

APPLICANT IS THE: X OWNER PRIME CONTRACTOR
OWNER CONTACT INFORMATION
OWNER CONTACT PERSON: Bruce Kirkland
OWNER COMPANY LEGAL NAME: Trace Point of Clinton, LLC
OWNER STREET OR P.O. BOX:605 Steed Road
OWNER CITY: <u>Ridgeland</u> STATE: <u>MS</u> ZIP: <u>39157</u>
OWNER PHONE #: (601) 982-37381 OWNER EMAIL:
PRIME CONTRACTOR CONTACT INFORMATION
PRIME CONTRACTOR CONTACT PERSON:
PRIME CONTRACTOR COMPANY LEGAL NAME:
PRIME CONTRACTOR STREET OR P.O. BOX:
PRIME CONTRACTOR CITY: STATE: ZIP:
PRIME CONTRACTOR PHONE #: (PRIME CONTRACTOR EMAIL:
FACILITY SITE INFORMATION
FACILITY SITE NAME: Trace Point
FACILITY SITE ADDRESS (If the physical address is not available, please indicate the nearest named road. For linear projects indicate the beginning of the project and identify all counties the project traverses.)
STREET: northeast corner of intersection of Pinehaven Road and Arrow Drive
COUNTY: Hinds ZIP: 39056
FACILITY SITE TRIBAL LAND ID (N/A If not applicable): n/a
LATITUDE: <u>32</u> degrees <u>21</u> minutes <u>46</u> seconds LONGITUDE: <u>90</u> degrees <u>19</u> minutes <u>10</u> seconds
LAT & LONG DATA SOURCE (GPS (Please GPS Project Entrance/Start Point) or Map Interpolation): <u>map interpolation</u>
TOTAL ACREAGE THAT WILL BE DISTURBED ¹ : <u>12.5</u>
IS THIS PART OF A LARGER COMMON PLAN OF DEVELOPMENT? YES IN NO XX
IF YES, NAME OF LARGER COMMON PLAN OF DEVELOPMENT:
ESTIMATED CONSTRUCTION PROJECT START DATE: 2020-05-01
ESTIMATED CONSTRUCTION PROJECT END DATE: 2025-12-31
DESCRIPTION OF CONSTRUCTION ACTIVITY: clearing, earthwork and underground utilities
PROPOSED DESCRIPTION OF PROPERTY USE AFTER CONSTRUCTION HAS BEEN COMPLETED: proposed 22 lot_single_family_residental_development
SIC Code NAICS Code

NEAREST NAMED RECEIVING STREAM: Straight	Fence Creek		
IS RECEIVING STREAM ON MISSISSIPPI'S 303(d) LIST O BODIES? (The 303(d) list of impaired waters and TMDL stream http://www.deq.state.ms.us/MDEQ.nsf/page/TWB_Total_Maximum	F IMPAIRED WATER m segments may be found on MDE m_Daily_Load_Section)	YES□ NO⊠ Q's web site:	
HAS A TMDL BEEN ESTABLISHED FOR THE RECEIVING	G STREAM SEGMENT?	YES□ NOX	
ARE THERE RECREATIONAL STREAMS, PRIVATE/PUBI WITHIN ½ MILE DOWNSTREAM OF PROJECT BOUNDR ACTIVITY?	LIC PONDS OR LAKES Y THAT MAY BE IMPACTED B	YES□ NO KI Y THE CONSTRUCTIO	
EXISTING DATA DESCRIBING THE SOIL (for linear projects please describe in SWPPP): Loring and Riedtown silt loam			
WILL FLOCCULANTS BE USED TO TREAT TURBIDITY I	N STORM WATER?	YES NOX	
IF YES, INDICATE THE TYPE OF FLOCCULANT.	□ ANIONIC POLYACRYLIM □ OTHER	IDE (PAM)	
IF YES, DOES THE SWPPP DESCRIBE THE METHOD OF I AND THE LOCATION OF WHERE FLOCCULATED MATE	INTRODUCTION, THE LOCATION (INTRODUCTION) THE LOCATION (INTRODUCTION) IN THE LOCATION (INTRODUCTION) INTRODUCTION (INTRODUCTION (INTRODUCTION) INTRODUCTION (INTRODUCTION (IN	ON OF INTRODUCTIO YES □ NO □	

¹Acreage for subdivision development includes areas disturbed by construction of roads, utilities and drainage. Additionally, a housesite of at least 10,000 ft^2 per lot (entire lot, if smaller) shall be included in calculating acreage disturbed.

DOCUMENTATION OF COMPLIANCE WITH OTHER REGULATIONS/REQUIREMENTS COVERAGE UNDER THIS PERMIT WILL NOT BE GRANTED UNTIL ALL OTHER REQUIRED MDEQ PERMITS AND APPROVALS ARE SATISFACTORILY ADDRESSED

IS LCNOI FOR A FACILITY THAT WILL REQUIRE OTHER PERMITS? YES 🖾 NO 🗆
IF YES, CHECK ALL THAT APPLY: \Box AIR \Box HAZARDOUS WASTE \Box PRETREATMENT
□ WATER STATE OPERATING □ INDIVIDUAL NPDES □ OTHER: <u>wastewater</u>
IS THE PROJECT REROUTING, FILLING OR CROSSING A WATER CONVEYANCE YES NO KOOF ANY KIND? (If yes, contact the U.S. Army Corps of Engineers' Regulatory Branch for permitting requirements.)
IF THE PROJECT REQUIRES A CORPS OF ENGINEER SECTION 404 PERMIT, PROVIDE APPROPRIATE DOCUMENTATION THAT:
• The project has been approved by individual permit, or
• The work will be covered by a nationwide permit and NO NOTIFICATION to the Corps is required, or
• The work will be covered by a nationwide or general permit and NOTIFICATION to the Corps is required
IS A LAKE REQUIRING THE CONSTRUCTION OF A DAM BEING PROPOSED? YES (If yes, provide appropriate approval documentation from MDEQ Office of Land and Water, Dam Safety.)
IF THE PROJECT IS A SUBDIVISION OR A COMMERCIAL DEVELOPMENT, HOW WILL SANITARY SEWAGE BE DISPOSED? Check one of the following and attach the pertinent documents.
KX Existing Municipal or Commercial System. Please attach plans and specifications for the collection system and the associated "Information Regarding Proposed Wastewater Projects" form or approval from County Utility Authority in Hancock, Harrison, Jackson, Pearl River and Stone Counties. If the plans and specifications can not be provided at the time of LCNOI submittal, MDEQ will accept written acknowledgement from official(s) responsible for wastewater collection and treatment that the flows generated from the proposed project can and will be transported and treated properly. The letter must include the estimated flow.
□ Collection and Treatment System will be Constructed. Please attach a copy of the cover of the NPDES discharge permit from MDEQ or indicate the date the application was submitted to MDEQ (Date:)
□ Individual Onsite Wastewater Disposal Systems for Subdivisions Less than 35 Lots. Please attach a copy of the Letter of General Acceptance from the Mississippi State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
□ Individual Onsite Wastewater Disposal Systems for Subdivisions Greater than 35 Lots. A determination of the feasibility of installing a central sewage collection and treatment system must be made by MDEQ. A copy of the response from MDEQ concerning the feasibility study must be attached. If a central collection and wastewater system is not feasible, then please attach a copy of the Letter of General Acceptance from the State Department of Health or certification from a registered professional engineer that the platted lots should support individual onsite wastewater disposal systems.
INDICATE ANY LOCAL STORM WATER ORDINANCE WITH WHICH THE PROJECT MUST COMPLY:
City of Clinton storm water ordinance

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 gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Applicant¹ (owner or prime contractor)

2020 **Date Signed**

5

Bruce Kirkland **Printed Name**

Manager Title

¹This application shall be signed as follows:

For a corporation, by a responsible corporate officer. .

. For a partnership, by a general partner.

. For a sole proprietorship, by the proprietor.

For a municipal, state or other public facility, by principal executive officer, mayor, or ranking elected official

Please submit the LCNOI form to:

Chief, Environmental Permits Division

MS Department of Environmental Quality, Office of Pollution Control P.O. Box 2261 Jackson, Mississippi 39225

EROSION, SEDIMENT AND STORMWATER CONTROL PLAN

TRACE POINT

CITY OF CLINTON, MISSISSIPPI

APRIL, 2020

Project Description:

The purpose of the project is to construct the infrastructure for a 22 lot residential development located in the City of Clinton, Mississippi. The project will encompass approximately 12.5 acres.

Site Description before Construction:

The site has generally flat to hilly terrain with slopes ranging from 1 to 8 percent. The site is split and drains to two detention ponds that will be constructed with this development.

Site Description after Construction:

After construction of the infrastructure, there will exist approximately 1.0 acres of impervious surface (streets). Upon full buildout of the 22 lots, it is estimated that the impervious area will increase to 2.2 acres (roofs, drives, etc.) for a total of 3.2 acres of impervious area, more or less.

Adjacent Property:

The project is surrounded by residential lots along the each side of the property.

<u>Soils:</u>

The predominant soil on the project site is Loring silt loam and Riedtown silt loam. Topsoil removed during the grading operations will be used for backfill and top dressing behind the curb and gutter along the streets.

Planned Erosion, Sediment and Stormwater Control Practices:

1. Storm Drain Inlet Protection – Temporary straw wattle and silt fence combinations will be installed at all curb inlet and grate inlet locations.

2. Land Grading - Excess excavation from the street right-of-ways will be placed on the lots of lowest elevation. All fill materials will be compacted and slopes will not exceed 3:1. All areas will receive seeding for stabilization of the fill material until permanent vegetation is established after the construction of the individual houses. When a disturbed area will be left undisturbed for fourteen days or more, the appropriate temporary or permanent vegetative practices shall be implemented immediately.

3. Rock Outlet Protection – A rip rap apron will be located at the outlet of culverts as shown on the erosion, sediment and storm water control plan to prevent scour.

4. Permanent Seeding - All disturbed areas will be permanently seeded and mulched once final grade is established. The land grading areas previously mentioned will receive temporary seeding as stated.

5. Equipment maintenance in designated areas shall be provided adjacent to the construction activities to prevent the runoff of pollutants, such as fuel and oils, from the site into surface waters. Paints, solvents, fertilizers, or any other potentially toxic materials will not be stored on site. See site plan for location.

6. Designated area, or areas, shall be provided for washing down delivery chutes on concrete trucks. This area shall be located such that no wash off will leave the site and be introduced into surface waters. Under no circumstances shall wash off be discharged into culverts, inlets or ditches.

7. Receptacles shall be provided, as needed, for the collection of solid waste. Receptacles shall be serviced and emptied as needed.

8. Adequate sanitary sewer facilities such as port-o-lets, shall be provided and maintained on site.

9. The builders and/or lot owners shall agree by terms of their deeds, to implement any and all erosion control measures necessary to prevent sediment from leaving individual lots during construction of the dwelling and to maintain such measures until the establishment of permanent vegetation. When a lot is sold, the developer will provide the new owner or operator (purchaser) with a copy of the MDEQ registration form and a copy of the Large Construction General Permit in accordance with the regulations for Mississippi's Large Construction Storm Water General Permit.

10. Prohibited Non-Storm Water Discharges:

a. wastewater from washout of concrete (unless managed by an appropriate control)

b. wastewater from washout and cleanout of stucco, paint, form release oils, curing compounds and other construction materials

c. fuels, oils, or other pollutants used in vehicle and equipment operation and maintenance

- d. soaps or solvents used in vehicle and equipment washing
- e. wastewater from sanitary sewer facilities, including portable toilets

11. Covered trash bins shall be stored on site as needed. Trash bins shall be serviced, emptied and maintained as needed.

12. If fuels, oils or other pollutants are to be stored on site, they shall be stored in a covered area.

On site storage shall meet all local, state and federal rules regarding secondary containment. Additionally, local ordinances may require fencing and security measures for storage of these products.

13. Extreme care shall be given to the servicing and fueling of vehicles and equipment using methods for spill prevention.

14. All vehicles kept on site shall be monitored for leaks and receive regular preventative maintenance to reduce any opportunity of leakage.

A Spill Prevention Control and Countermeasures (SPCC) plan should be developed for the facility to address the safe storage, handling and cleanup of petroleum products and other chemicals.

Petroleum products should be stored in tightly sealed containers that are clearly labeled. If petroleum products are stored on site, a secondary containment facility will be required if the cumulative storage capacity of all tanks greater than 55 gallons at the site exceeds 1,320 gallons.

Implementation Sequence of Erosion Control Measures:

1. Prior to land clearing, silt fences shall be installed at areas of natural drainage concentration.

2. After land clearing, silt fences and straw wattles (where straw wattles are designated) shall be installed prior to land grading operations and the granular construction entrance shall be installed.

3. As storm sewer is installed, silt fence and straw wattles shall be installed around the upstream end of each culvert and rock outlets shall be installed at the free discharge outlet end of pipe as shown on the erosion, sediment and storm water control plan. 4. After the installation of sanitary sewer and water distribution, temporary seeding shall be applied to all disturbed areas.

5. After completion paving and fine dress up grading, permanent seeding and mulch shall be applied to all disturbed areas.

Maintenance Plan:

Short Term:

- 1. All erosion and sediment control practices (includes all controls and outfall/discharge points) will be checked for stability and operation following every runoff producing rainfall, but in no case less than once every week for a minimum period of four inspections per month. Any needed repairs will be made immediately to maintain all practices as designed.
- 2. All accumulated sediment shall be removed from structural controls when sediment deposits reach one-third to one-half of the height of the control.

3. All seeded areas will be fertilized and reseeded as necessary to maintain a dense vegetative cover.

Long Term:

- 1. All vegetated areas will be maintained in adequate condition to provide proper ground cover.
- 2. Areas where vegetation is lost will be fertilized, seeded and maintained as necessary to restore proper ground cover.
- 3. Structural measures will be examined at least annually and maintenance performed as needed.







Clinton, Ms Quad Map

1"= 2,000'





REVISED 6/6/02
FOR OPC USE ONLY
AI NO
PLA NO.

.

INFORMATION REGARDING PROPOSED WASTEWATER PROJECTS TO: THE MISSISSIPPI OFFICE OF POLLUTION CONTROL

The <u>Trace</u>	Point of Clinton, ILC		8 8 ¥8, ¥~	**************************************
	king Application, i.e. Individual, (4	eveloper, etc.)
whose mailing addre	ess is 605 Steed Road	<u>, Ridgeland</u>	, <u>MS</u>	, <u>39157</u> ,
	(Street and Number)	(City)	(State)	(Zip)
whose responsible o	fficial is Bruce Kirkland		, <u>Ma</u>	nager ,
	(Name)		(Title))
and whose phone m	mber is (<u>601</u>) <u>982 - 7381</u>	L,		
Herewith submits for prepared by	r consideration of the OPC plans,	specifications, an	id other neo	essary data
H D Lang & Assoc (Engineer or Firm)	iates, <u>Inc.</u>			
Jason B. Horton, (Firm's Project Cont	PE tact Person, if applicable)		,	
P.O. Box 16085 (Mailing Address)	AFUNG PERMINENT AND			
Jackson, MS 392 (City, State, Zip)	36-6085			
(<u>601</u>) <u>362</u> (Phone Number)	4886			
who is hereby author	ized to represent the applicant in t	he engineering fo	aturan of th	in moniant fam
the construction of	an extension of an exis	<u>sting sanitary</u>	sewer sy	stem
The states are set and an interest and a set of the set				
(Clearly Describe Pro	ject: New System, Modification, E	xtension, Rehabil	itation, Tre	atment, etc.)
to serve	Trace Pointe			
**************************************	(Subdivision, Plant, Se	chool, Other)		۵۳۳ میں بندی کر کر میں
located at	Section 17, T8N-R1W	-		
	nate Location, Including Section,	Township, and R	ange)	

in oxxxxx the City of <u>Clinton</u> in the County of <u>Hinds</u>, State of Mississippi, as required by the regulations of the OPC and herewith make application to the OPC for the approval of this project. We understand through the regulations of the OPC that this approval is required prior to the initiation of construction activities.

Upon construction, these facilities will be owned and maintained by

The City of Clinton, MS

(Name of	f Utility Company, Mun	icipality, Owner	, Developer, etc.)	an a
whose mailing address is	P.O. Box 156	, Clinton	, MS	39060
	(Street and Number)	(City)	(State)	(Zip)

NOTE: IF THIS PROJECT DOES NOT ADD ANY NEW CONNECTIONS OR ADDITIONAL FLOWS TO THE COLLECTION SYSTEM, YOU MAY OMIT SECTIONS A. THROUGH E. BELOW.

A. EXISTING SEWAGE COLLECTION SYSTEM

- 1. The facilities collecting the sewage from this proposed project are owned by _____ The City of Clinton, MS
 - (Utility Company, Municipality, etc.)
- 2. The number of connections existing are $\sim 9,500$
- 3. The length of sanitary sewers existing are \sim 700,000 lf
- 4. The number of existing lift stations are <u>62</u>
- 5. Additional facilities that collect sewage from this proposed project, i.e. a regional

wastewater authority, are owned by $\frac{n/a}{n}$

B. CERTIFICATION(S) FROM COLLECTION ENTITIES

The official(s) responsible for the wastewater collection facilities denoted in Section A. above, that will serve the proposed project, do hereby certify that we agree to transport the wastewater flows generated from the proposed project. We also hereby certify that we have determined that our collection system(s) have the capacity available to transport properly the wastewater flows generated from the proposed project.

Signature-

Mayor

Title

City of Clinton, MS

-	 	
Title		

Entity

Entity

Signature

2

C. EXISTING SEWAGE TREATMENT WORKS

1.	The facilities responsible for treatment of the sewage from this proposed pr	oject are
	owned by City of Clinton, MS	-

	(Utility Company, Municipality, etc.)
2.	The OPC Permit Number for this wastewater facility is MS0047619
3.	The capacity for this wastewater treatment facility is 0.63 MGD
4.	The treatment type of this wastewater treatment facility is <u>Biolac</u> . (Activated Sludge, Aerated Lagoon, etc.)
5.	The present population served by the treatment facility is
6.	The operator in charge will be Jon S. Brown, who is a
	Class <u>IV</u> wastewater operator, holding certificate number 00009758

D. CERTIFICATION FROM WASTEWATER TREATMENT ENTITY

The official responsible for the wastewater treatment facility denoted in Section C. above, that will serve the proposed project, does hereby certify that we agree to treat the wastewater flows generated from the proposed project. We also hereby certify that we have determined that our treatment facility has the capacity available to treat properly the wastewater flows generated from the proposed project.

Signature

Mayor Title City of Clinton, MS Entity

E. PROPOSED PROJECT DETAILS

1. The ultimate population to be served by this proposed project is ______

2. The number of connections to be added are _____ 22 lots

3. Per capita discharge <u>100</u> gpcd: Infiltration <u>10</u> gpcd. (Estimate, if unknown)

4. Area Served in Acres _____13___ Design Population Per Acre _____5.9

5. The area water is supplied by ______ the City of Clinton

P.O. Box 156, Clinton, MS 39060-0156

(Name and Address of Water Utility)

6. Proposed Sewage Pumping Stations

Location or Number	Units Served	Pump Capacity (gpm)	Influent Flow (gpm)	
		r and onbroug (Bbill)	Avg.	Peak
0				
49404			and a subscription of the second s	adda, ang mga da ang ang da ang ang ang ang ang ang ang ang ang an
104.95		9.		
		anna ann an Sanna ann an Sanna an Sanna an Sanna ann an Sanna an Sanna an Sanna an Sanna an Sanna an Sanna an S		an ang ang ang ang ang ang ang ang ang a
				
		ann an		**************************************

F. ADDITIONAL CLEARANCES

NOTE: APPROVAL OF THIS PROJECT SHALL NOT BE GRANTED UNTIL ALL THE MDEQ PERMITS, COVERAGES, AND APPROVALS DENOTED BELOW ARE SATISFACTORILY ADDRESSED.

1. The total area of ground disturbance by clearing, grading, and excavating for utilities,

roadways, lots, etc. is <u>13.0</u> acres.

2. For construction projects disturbing five or more acres, have you applied to MDEQ or an MDEQ approved local authority for construction stormwater permit coverage?

☑ Yes □ Not applicable

If not applicable, why?

NOTE: IF YOU ARE DISTURBING MORE THAN ONE ACRE BUT LESS THAN FIVE ACRES AFTER MARCH 10, 2003, YOU MUST FOLLOW THE REQUIREMENTS OF MDEQ'S SMALL CONSTRUCTION STORM WATER GENERAL PERMIT. ALSO, AFTER MARCH 10, 2003, IF YOU ARE IN AN AREA THAT HAS AN MDEQ APPROVED LOCAL AUTHORITY YOU MUST APPLY FOR APPROVAL FOR 1-5 ACRE CONSTRUCTION PROJECTS. SOME LOCAL AUTHORITIES MAY REQUIRE APPROVAL FOR DISTURBANCE LESS THAN ONE ACRE.

3. Have determinations/authorizations been received from the Corps of Engineers regarding the need for a Section 404 Permit, General Permit or Nationwide Permit for stream or intermittent drain crossings, stream re-routing, or for placing fill material into wetlands?

Yes	Pending	✓ Not applicable
If not applie	cable, why?	upland area

G. ADDITIONAL CERTIFICATIONS

We hereby certify that we are the applicants for this project, that we are familiar with the information contained in this form, and that, to the best of our knowledge and belief, such information is true, complete, and accurate.

13-19mble

Signature of Responsible Official for Body Making Application

Bruce Kirkened mange Printed Name and Title of Above

I hereby certify that the engineering documents for this project were prepared by myself or under my direct supervision, that I am familiar with the information contained in this form, and that, to



my direct supervision, that I am familiar with the information contained in this form, and that, to the best of my knowledge and belief, such information is true, complete, and accurate B. B. Horton, Mississippi Laws Jason B. Horton, Mississippi PE #20506 Typed Name and Registration Number THE APPLICANTS AGREE THAT NO CHANGES IN OR DEVIATION INTROM THE PLANS AND SPECIFICATIONS APPROVED BY THE OPC WILL BE MADE EXCEPT PLANS AND SPECIFICATIONS APPROVED BY THE OPC WILL BE MADE EXCEPT WITH THE PRIOR CONSENT AND APPROVAL OF THE OPC.

COMMENTS: _____



This is not an official certificate of good standing.

Name History	
Name	Name Type
Trace Point of Clinton LLC	Legal
Business Information	
Business Type:	Limited Liability Company
Business ID:	1201009
Status:	Good Standing
Effective Date:	02/10/2020
State of Incorporation:	Mississippi
Principal Office Address:	NO PRINCIPAL OFFICE ADDRESS FOUND
Registered Agent	
Name	
Warren Smith	
100 Goshen Springs Lane	
Ridgeland, MS 39157	
Officers & Directors	
Name	Title
Bruce Kirkland	
605 Steed Road	Mongoon
Ridgeland, MS 39157	Manager