

**ATTACHMENT A
BETWEEN THE ALLIANCE OF ROUGE COMMUNITIES AND
THE FRACASSI DRAINAGE DISTRICT**

1. Scope of Project

TC2 – IDEP ACTIVITIES

DESCRIPTION OF ANTICIPATED ACTIVITIES:

The Oakland County Water Resources Commissioner's office (WRC) will conduct concentrated field investigations in priority areas to further isolate problem areas and identify illicit connections, to support corrective actions which will be led by local communities.

The drains targeted for investigation are prioritized below. The initial effort will be focused on the First Priority Drains. Second and Third Priority Drains will be investigated, and additional drains will be dry weather screened and sampled respectively, and only as budget allows. The below scope is intended to be a summary of anticipated tasks only and the WRC will work with the ARC and participating communities to identify and prioritize which actual tasks will be completed. Prior to the onset of field work, the WRC will notify the local community of the planned investigations.

This work will be overseen and coordinated by ARC staff to ensure field efforts in Oakland County are occurring in a manner that is most beneficial to the ARC. The field work will be undertaken by WRC staff and contractors as necessary with cooperation of the local communities. The field work may involve a combination of sampling, dye testing, smoke testing and CCTV inspections, as necessary.

A draft summary report will be submitted to the ARC. Comments from the ARC will be incorporated by the WRC and the final report will be completed by December 31, 2017.

Deliverables:

- Oakland Water Resources Commissioner final IDEP report

First Priority Drains

**Fracassi Drain - Southfield (Rouge River Main Branch)
Project Budget-\$27,500**

- Additional sampling to confirm sanitary discharges.
- Bacterial source tracking sampling to distinguish between human and animal sources, if needed.
- Dye Test / confirm unknown connections on Seminole identified in 2016.
- Investigate suspect catch basin on Negaunee St.
- Identify source of flow to MH on Indian St.
- Complete cleaning /CCTV on the rest of Indian, Poinciana and Negaunee streets.
- Dye test / confirm any additional connections found.

US 16 Drain – Farmington (Rouge River Upper Branch)

Anticipated in-kind Rouge Watershed drain funded match

- Sample to confirm corrections of illicit connections completed by Farmington. Work is anticipated for Fall 2017 assuming that the corrections will occur in summer 2017.
- Dry weather sample at US 16 outlet to determine if any additional illicit connections are suspected.

Second Priority Drains (Anticipated in-kind Rouge Watershed drain funded match)

Austin Drain - Southfield (Rouge River Main Branch)

- Investigate local storm drain on Janette St. for illicit discharge source.
- Dye Test / CCTV as necessary to confirm any found connections.

Claude H. Stevens No. 3 Drain – Bloomfield Twp. (Rouge River Main Branch)

- Confirm correction of failed septic identified on Charring Cross by OCHD.
- Conduct sampling to rule out any additional upstream sources.
- Additional investigations if necessary.

Third Priority Drains (Anticipated in-kind Rouge Watershed drain funded match)

Devonshire/Bloomfield Highlands – Bloomfield Twp. (Rouge River Main Branch)

- Confirm removal of the connection from the septic system drain field found on S. Berkshire by OCHD.
- Additional Sampling / Investigations to locate sources to the Bloomfield Highland Drain, Devonshire Drain and local storm drains E and W. of Woodward Ave.
- Dye Test as necessary to confirm any identified connections.

Claude H. Stevens No. 4 and 10 Drains – Bloomfield Twp. (Rouge River Main Branch)

- Sampling on upstream system and local drains as necessary to confirm illicit discharges and isolate sources.
- Follow-up investigations if necessary.

2. Schedule of Work

Work described above will begin no sooner than July 25, 2017.

Draft summary report submitted to the ARC by December 1, 2017 with the final report completed by December 31, 2017.

All activities shall be completed no later than December 31, 2017.

3. Financial Provisions

The ARC will reimburse the Fracassi Drainage District up to \$27,500 for the implementation, administration and monitoring of the work. The Fracassi Drainage District will provide \$7,500 in match services for the work consisting of other Rouge Watershed in-kind drain funded match, participating community in-kind services and Fracassi Drainage District in-kind services as needed.

The WRC will invoice the ARC for all services rendered under this Agreement at least quarterly, with final invoicing by January 15, 2018.

The WRC will provide a written report to accompany all invoices detailing activities completed during the invoice period.

The reimbursement invoice (reimbursable charges and in-kind services) will provide the following information:

- a. Total cost invoiced to date
- b. Total cost invoiced for reimbursement during the period
- c. Total budget remaining
- d. Total number of hours worked on the project and hourly rate by employee,
- b. Total overhead, fringe, or other fees, and
- c. Listing of other direct charges summarized by type of charge.