

STORM WATER MANHOLES CLEANING

COMPLETION REPORT

For



Client : Laing O'Rourke Middle East
(Holdings) Ltd.
Contact Person: Mr. Karl Porter
Site Details : Gate #1, Masdar City,
Abu Dhabi, UAE.
Date : 15 December 2018

**Crystalline environmental
services**

P.O. Box 131463, Abu Dhabi, U.A.E.

Tel: 02 6508930 Fax: 02 6508942

info@crystalline-uae.com

www.crystalline-uae.com



CRYSTALLINE
ENVIRONMENTAL SERVICES



CRYSTALLINE ENVIRONMENTAL SERVICES

1103

MANHOLE, GULLY TRAP, DRAINAGE - AFTER SERVICE REPORT

| | |
|--|------------------------------|
| CUSTOMER: LAING OROUK | CONTACT PERSON: Mr. JOSEPH |
| SITE DETAILS: Gate-1 out site | CONTACT NUMBER: 055 8869 496 |
| NAME OF MANHOLE: STORM WATER | LOCALISQTION: UNDERGROUND |
| TYPE OF BUILDING: <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> EDUCATIONAL <input type="checkbox"/> RESIDENCIAL <input type="checkbox"/> INDUSTRIAL | |

PART OF DRAINAGE

MANHOLE UNDERGROUND DRAINAGE PIPE GULLY TRAP GREASE TRAP

DRAINAGE PIPE APPARENT DRAINAGE PIPE EMBEDDED DRAINAGE PIPE

CONDITION OF MANHOLE, GULLY TRAP, DRAINAGE BEFORE CLEANING

LITTLE DIRTY DIRTY VERY DIRTY RUST SEDIMENTS MUD

BIOFILMS SLIME GREASE ROOT SAND MOULDS

OBSTRUCT BLOCK FLUENT FLOW LOW FLOW ANOTHER: _____

| MANHOLE BLOCKED | GULLY TRAP BLOCKED | DRAINAGE BLOCKED | ALL BLOCKED |
|---|--|--|---|
| <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

COMMENTS: All the pipe were covered by water and mud.

MANHOLE AND GULLY TRAP COVER: COVERED DAMAGED BLOCKED ADAPTED

CONDITION OF MANHOLE, GULLY TRAP, DRAINAGE AFTER CLEANING

LITTLE CLEAN CLEAN VERY CLEAN FLUENT FLOW LOW FLOW UNBLOCK

| | MANHOLE | GULLY TRAP | STORM WATER | DRAINAGE | TOTAL |
|---------------------------|---------|------------|-------------|----------|-------|
| NUMBER OF MANHOLE CLEANED | — | — | 03 | 05 | 03 |
| NUMBER OF MANHOLE BLOCKED | — | — | — | — | — |

ACCESS

LADDER IN NO LADDER

| MANHOLE CLEANED | GULLY TRAP CLEANED | DRAINAGE CLEANED | ALL DISINFECTED |
|---|--|--|--|
| <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO | <input type="checkbox"/> YES <input type="checkbox"/> NO |

SERVICES OF DATES

| LAST CLEANING DATE | LAST CLEANING DATE | LAST CLEANING DATE |
|--------------------|--------------------|--------------------|
| | 10/12/2018 | 10/06/2019 |

CHEMICALS AND EQUIPMENTS USED

PRESSURE MACHINE JETTING MACHINE MULTIGAS DETECTEUR INLET WATER HOSE

EXTENTION CORDS VACCUM CLEANER VENTILATION FAN CLEANING MAT

LED LIGHTS PLASTICS ROLL PLASTICS BAGS SUITABLE PPE

TRIPOD AIR REPAIR 7D-A DEGREASER CHEMICAL LADDER

COMMENTS AND RECOMMENDATION:

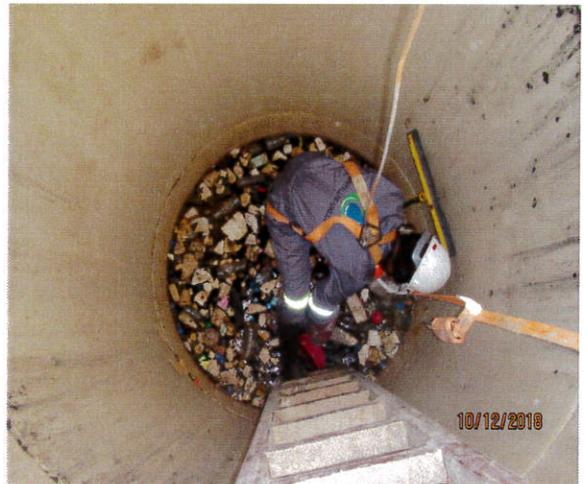
storm water have been jetting and the water evacuated by the tanker

| | |
|---|------------|
| Crystalline representative: Patrick . K | Signature: |
| Customer/Customer representative: | Signature: |

Date of Cleaning: 10-12-2018

PHOTOGRAPHS
STORM WATER MANHOLES CLEANING (LAING O'ROURKE)

BEFORE CLEANING



AFTER CLEANING



CLEANER WATER GREENER TOMORROW



CRYSTALLINE
ENVIRONMENTAL SERVICES

Date of Cleaning: 10-12-2018

PHOTOGRAPHS
STORM WATER MANHOLES CLEANING (LAING O'ROURKE)

BEFORE CLEANING



AFTER CLEANING



CLEANER WATER GREENER TOMORROW

Date of Cleaning: 10-12-2018

PHOTOGRAPHS
STORM WATER MANHOLES CLEANING (LAING O'ROURKE)

BEFORE CLEANING



AFTER CLEANING



CRYSTALLINE CLEANING & ENVIRONMENTAL SERVICES

CLEANING & DISINFECTION CERTIFICATE

CLIENT NAME : LAING O'ROURKE MIDDLE EAST
(HOLDINGS) LTD.

CLIENT ADDRESS : P.O.BOX: 35927, ABU DHABI, UAE.

CONTACT PERSON : MR. KARL PORTER

SITE DETAILS : GATE #1, MASDAR CITY, ABU DHABI, UAE.

DETAILS : STORM WATER MANHOLES CLEANING

DATE OF CLEANING : 10 DECEMBER 2018

FREQUENCY OF CLEANING : EVERY SIX (6) MONTHS

DATE OF NEXT CLEANING : 10 JUNE 2019

The procedures employed in this cleaning and disinfection comply with Abu Dhabi Municipality guidelines

The entire Manhole & Gully Trap should be cleaned and disinfected minimum every six (6) months depending upon the condition.



CRYSTALLINE CLEANING AND ENVIRONMENTAL SERVICES