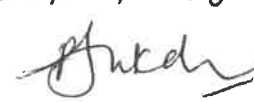
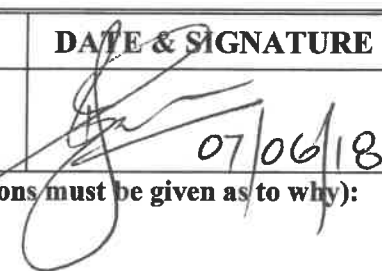
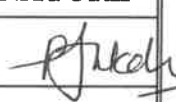


SCANNED

WORK FLOW SHEET FOR PERMIT RENEWAL

2018-05-18

NAME OF COMPANY	Dow AgraSciences SA (pty) Ltd.	
STREET ADDRESS	Old Mill Site, Canelands	
SITE NO.	2N - 2116	
ACTION	TASK	DATE & SIGNATURE
P.O.	Do permit inspection. Draft permit and attach. Attach permit inspection report with any other correspondence such as notices, safe disposal certificates, info from Accounts.	25/05/2018 
Any special comments: Provisional Permit.		
ACTION	TASK	DATE & SIGNATURE
C.P.O.	Attend permit inspection with P.O. Check draft permit and comment. Check permit inspection report and sign	 07/06/18
Any special comment (if permit inspection was not attended with P.O. reasons must be given as to why):		
ACTION	TASK	DATE & SIGNATURE
Engineer	Check permit and sign Forward all info to Accounts via post.	25/05/2018 
Comments:		
ACTION	TASK	DATE & SIGNATURE
Accounts	Check permit details for correctness. Update EMIS Copy of permit to Accounts as well as Pollution Areas Scan all documents. File a hard copy in Prior Road. Post permit and Reg Monitoring report only - not control sheet or addenda to Reg Monitoring report which must be returned to area file.	
Comments:		



TRADING SERVICES
Water & Sanitation Unit

3 Prior Road, Durban 4001
P O Box 1038, Durban, 4000
Tel: 031 322 1442, Fax: 031 311 8747
www.durban.gov.za

Dow Agro Sciences Southern Africa (Pty) Ltd
P.O. Box 1454
Durban
4000

Attention: Mr. Danie Gous

PROVISIONAL SITE PERMIT TO DISCHARGE TRADE EFFLUENT INTO THE MUNICIPAL SEWER

Name of Company: Dow AgroSciences Southern Africa (Pty) Ltd

Physical Address: Old Mill Site, Canelands

A. Dow AgroSciences Southern Africa (Pty) Ltd is hereby permitted in terms of Chapter 8, Section 25/1 of the eThekweni Municipality Sewage Disposal Bylaws to discharge trade effluent resulting from ground water remediation into the Municipal sewer at a total monthly discharge volume not exceeding 1200 kℓ, or 40 kℓ per day.

B. This permit is valid for the period from 01 June 2018 to 30 November 2018.

C. Special Limits: None

D. Relaxations: None

E. Special Conditions: As per Addendum 1 attached.

PRISHA SUKDEO
ACTING PROFESSIONAL TECHNOLOGIST
POLLUTION DIVISION (NORTH)

Date: 25 May 2018

Enquiries: PrishaSukdeo

Telephone: 031 322 1448

Reference: 2119

ADDENDUM 1
SPECIAL CONDITIONS:

1. Trade effluent readings must be forwarded to the Trade Accounts Division on or before the 10th of each month (Fax: 031 311 8747).
2. All or any costs incurred as a result of the discharge of trade effluent with a high content Arsenic from Dow Agro Sciences SA into the Verulam Waste Water Treatment Work shall be borne by Dow Agro Sciences SA.
3. In terms of Section 2/6 of the Sewage Disposal Bylaws a person who contravenes Section 2/6 (1) of the Sewage Disposal Bylaws which regulates the objectionable discharges to the storm water system, water course, street or premises or Section 2/6 (3) of the Sewage Disposal Bylaws which regulates the objectionable discharges to the sewer system, must inform the permitting authority within 12 hours of such an incident occurring. Significant incidents should however be reported immediately to the eThekweni Water and Sanitation call center on 080 1313 013 (24 hour) as required in terms of Section 30(3) of the National Environmental Management Act.
4. Waste disposal certificates and waste manifests must be made available to the Pollution and Environment Branch as and when requested.
5. Test samples may be taken at any time by a duly qualified sampler to ascertain whether the trade effluent complies with Schedule A of the Sewage Disposal Bylaws. In this regard, Dow Agro Sciences SA must ensure the availability of trade effluent samples within an 8 hour working day period from the remediation site.
6. The internal monitoring and external audit results (to be conducted on a quarterly basis) for Arsenic analysis must be submitted to this Department on a monthly basis.
7. A professional person should be available to give advice on issues relating to plant failure.
8. Dow Agro Sciences SA must ensure that there is no storm water ingress into the sewer on the site. A penalty tariff will be formulated and imposed on the company for storm water discharges into the sewage disposal facility.
9. Non-compliance with the requirements constitutes an offence. This permit may be suspended or withdrawn, or legal action may be instituted against the permit holder, if the conditions specified herein are not complied with, or if significant nuisance or impacts to the environment, infrastructure, council employees or public health occurs, or, if there are any other contraventions of the Sewage Disposal Bylaws



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25 Our Ref : 2119
Enquiries : Prisha Sukdeo
Telephone : 031 322 1448

Dow Agro Sciences Southern Africa (Pty) Ltd
P.O. Box 1454
Durban
4000

Attention: Mr. Danie Gous

Dear Sir

REGULATORY MONITORING INSPECTION REPORT

This report serves to confirm that a regulatory monitoring inspection of your site at Old Mill Site, Canelands was carried out by Water Quality Officer, Prisha Sukdeo, on 20 April 2018.

1. TYPE OF PROCESS: Ground water remediation

Laboratory results printout discussed with company: N/A – company has not as yet been sampled.

Copy attached to report: N/A

Trade Effluent and Stormwater Non Compliance during last quarter.

Comments: N/A – company has not as yet been sampled.

Out of Norms Results for Effluent Charge Parameters during last quarter:

Comments: N/A – company has not as yet been sampled.

2. TRADE EFFLUENT VOLUME

Water consumption printout discussed with company: N/A – company is extracting and remediating ground water.

Meter reading on day of inspection: N/A – new company. However, meters are in place.

Process changes, increased/decreased production has altered % trade effluent: N/A – new company.

Metered trade effluent company:

Type of trade effluent meter: Information to be provided

Calibration certificate last obtained for date: Information to be provided

Acceptable reliability of trade effluent meter: Yes.

Meter readings are being submitted monthly: Yes.

Comments: None

3. INCIDENT MANAGEMENT AUDIT

Summary of spill notices served: None

Comments: None

4. SLUDGE DISPOSAL AUDIT

Details on how sludge is generated: Sludge will be generated from the remediation/ water-treatment process.

Waste disposal certificates: None available as yet.

Comments: None

5. COMPANY AREA INSPECTED: Extraction wells and remediation plant site.

1. Process Areas: Remediation plant is roofed.

Storage and Warehousing: Contaminated seepage water is stored in IBCs in the basement.

2. Effluent Treatment Plant: A new remediation plant has been constructed to extract and treat contaminated ground water.

3. Drainage: Ground water seepage is prevalent in the basement area. This water is pumped into IBCs and stored in the basement.

6. **SPILL MANAGEMENT:** Spill kits are available on site, and staff are trained to handle minor spills.



SENIOR WATER QUALITY OFFICER



CHIEF WATER QUALITY OFFICER

It shall be noted that this inspection report is a preventative measure and any inferred approval or acceptance of your effluent and storm water control system arising from this report does not relieve the owner/occupant from any liability or obligation under the eThekweni Municipality Sewage Disposal Bylaws (and other relevant legislation), and the owner/occupant shall be liable for any contravention of the Bylaws irrespective of the outcome of this inspection report.