



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA



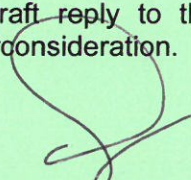
EdCM

Enquiries: Ms P Makhanya
Telephone: 043 604 5406
Reference: 6/2/2/6

MINISTER OF WATER AND SANITATION

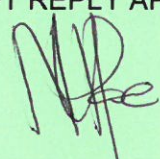
NATIONAL ASSEMBLY: QUESTION 3220 FOR WRITTEN REPLY

A draft reply to the above mentioned question asked by Mr L J Basson (DA) is attached for your consideration.


DIRECTOR-GENERAL

DATE: 13/2/15

DRAFT REPLY APPROVED/AMENDED


MRS NP MOKONYANE
MINISTER OF WATER AND SANITATION

DATE: 22.09.15

NATIONAL ASSEMBLY

FOR WRITTEN REPLY

QUESTION NO 3220

DATE OF PUBLICATION IN INTERNAL QUESTION PAPER: 28 AUGUST 2015
(INTERNAL QUESTION PAPER NO. 34)

3220. Mr L J Basson (DA) to ask the Minister of Water and Sanitation:

- (1) Why is the wastewater treatment plant in Cradock which is under the control of the Chris Hani District Municipality and polluting the Great Fish River in the Eastern Cape non-functional;
- (2) whether her department has taken any steps to stop the pollution; if not, why not; if so, what are the relevant details;
- (3) whether sampling of water has been done (a) at the plant and (b) downstream from the plant to ascertain e-coli levels for each month during the period 1 July 2012 to 30 July 2015; if not, why not; if so, what are the results for each month during the specified period;
- (4) whether there are any plans to upgrade the plant; if not, why not; if so, (a) when and (b) what is the estimated cost;
- (5) what is the (a) current capacity of the plant in megalitres per day and (b) inflow currently?

NW3821E

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REPLY:

- (1) The non-functionality of Cradock Wastewater Treatment Works (WWTW) is attributed to the Water Service Authority functions transitioning from InxubaYeThemba Local Municipality to Chris Hani District Municipality, as it has been the case since 2014. This has been an inheritance of financial burdens which has adversely affected the whole operation and maintenance at the plant and at the sewage pump stations. Payments to maintenance service providers had been delayed as such some arms of the plant (motors, aerators, pumps, etc) that have since broken down and have not been repaired or replaced.

These are now attended to and the Cradock WWTW will be fully repaired and will function at an optimum level in due course.

- (2) My Department has taken steps to notify and request the Municipality to take corrective steps in rectifying the pollution of the Great Fish River water resource caused by the non-functionality of Cradock WWTW and its associated sewer network infrastructure.

The following are amongst a number of steps taken by my Department:

- Firstly, my Department issued a non-compliance letter on 2 April 2013 informing the Municipality about the poor quality effluent discharged and the incorrect disposal of the sewage sludge from the Cradock WWTWs, copy of letter attached as **Annexure A**.
- Secondly, officials from my Department's Provincial Office: Eastern Cape conducted an investigation on 1 August 2014 into the alleged pollution and it was revealed that pollution still persists. Therefore, my Department issued another non-compliance letter to

the Municipality on 11 August 2014 regarding pollution incidents entailing sewage spillages from manholes in Cradock, copy of letter attached as **Annexure B**

- Thirdly, my Department also served the Municipality with non-compliance letter on 25 September 2014 following another site inspection that was conducted on 16 September 2014 informing the Municipality about poor quality effluent discharged by the Cradock WWTWs and requesting the Municipality to submit an action plan taken by the municipality in rectifying the situation within 14 days.
- The fourth interaction was a meeting that was held between Chris Hani District Municipality, Great Fish Water User Association, InxubaYeThemba Local Municipality and my Department at the Municipal Offices in Cradock on 10 February 2015 ,refer to attached **Annexure C** for minutes with actions and attendance register).

The aim was to further engage and persuade the Chris Hani DM as Water Services Authority to take action and correct the poor quality effluent being discharged by the Cradock WWTW into the Great Fish River. In this meeting the Municipality indicated the challenges (as mentioned in (1) above) promising to attend to the challenges with a detailed written response by 16 February 2015 as requested by my Department as was done even in previous communiqués, refer to attached **Annexure D** for the minutes of the .

It should be noted that there has not been any written response as yet from the Municipality after these engagements.

During the last inspection which was conducted on 12 August 2015, the presence of the Contractor on site was noted on site repairing some of the various arms of the WWTW.

- (3) **Table 1** below is the summary of the effluent quality discharged by the (a) Cradock Wastewater Treatment Works and the (b) Great Fish River, downstream of the discharge point from the Cradock Works:

Table 1

Sampling Dates	(a) Cradock WWTW	(b) Downstream of Cradock WWTW
July 2012	0 cfu/100ml	58 cfu/100ml
August 2012	66 cfu/100ml	128 cfu/100ml
September 2012	7 500 cfu/100ml	86 cfu/100ml
October 2012	0 cfu/100ml	400 cfu/100ml
January 2013	2 cfu/100ml	7 000 cfu/100ml
March 2013	10 cfu/100ml	3 400 cfu/100ml
April 2013	0 cfu/100ml	4 400 cfu/100ml
May 2013	7 200 cfu/100ml	420 000 cfu/100ml
June 2013	520 cfu/100ml	164 cfu/100ml
May 2014	0 cfu/100ml	24 000 cfu/100ml
June 2014	0 cfu/100ml	24 000 cfu/100ml
September 2014	35 000 cfu/100ml	1 900 cfu/100ml
December 2014	37 000 cfu/100ml	40 000 cfu/100ml
February 2015	390 000 cfu/100ml	710 cfu/100ml
June 2015	4 600 000 cfu/100ml	42 000 cfu/100ml
August 2015	108 cfu/100ml	294 cfu/100ml

It should be noted my Department also done water sampling in August month for both Cradock WWTWs and the Great Fish River, downstream of the discharge point from the Cradock Works and the results are 108 cfu/100ml and 294 cfu/100ml respectively.

- (4) No, the Department has not taken any plans to upgrade the WWTWs. The dysfunctional elements of the WWTWs are largely due to the lack of operation and maintenance at the WWTW and reticulation infrastructure, which if properly managed will render the works effective in its treatment of the sewage received.

The Upgrading of the WWTW would not seem to be necessary at this point unless further major developments are anticipated in the area. However, the Water Service Authority is currently attending to these repairs.

(4)(a) Falls Away.

(4)(b) Falls Away.

(5)(a) The current capacity of the plant is 8.3 mega litres per day.

(5)(b) The currently inflow is 5.6 mega litres per day average.

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water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

P/Bag x 6041, East London, 5200

Tel: 043 604 5400
Fax: 043 742 0843
Email: lucasa@dwa.gov.za

enquiries: Mr. A.B. Lucas
Ref: 16/2/7/Q300/D1

The Municipal Manager
Chris Hani District Municipality
Private Bag X7121
Queenstown
5320

Attention: **Mr. M. Dungu**

NON-COMPLIANCE FOR CRADOCK WASTE WATER TREATMENT WORK

Above has reference below;

The monitoring of effluent quality and reporting of results, any failures and of intervention actions taken is a legal requirement in terms of section 9 of the Water Services Act 108, 1997. The Department of Water & Sanitation needs to exercise the Regulatory role in terms of section 62 of National Water Act (108 of 1997).

The Department of Water & Sanitation (Water Regulation & Use Directorate) conducted compliance assessment at the Cradock Waste Water Treatment Plant on the 16th September 2014. The plant is in a dysfunctional state as per the observations and as per the discussions with the superintendent on site. The following were some of the concerns identified;

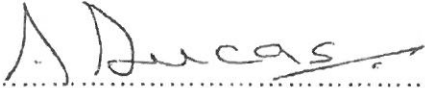
- Aerators are not functioning properly
- Ponds are not well maintained they are full of sludge
- Grit channel is not cleaned
- And that the plant is discharging non complying effluent to the Fish River via Marias Slood.

Test results for samples taken on the 09th September 2014 by the Department indicated amounts of **35 000** colonies E.coli and **43 000** colonies of F. Colifoms which are way above the limit required for this plant as per its authorization. The major concern is that Fish River is used downstream by other users for different types of uses/purposes. Furthermore the wastewater system did not comply for Ammonia, Chemical Oxygen Demand and Oxygen Absorbed. For ease of reference attached are results from the lab.

It must also be noted that this non compliance is in breach of the authorization issued for this plant by Department.

Your urgent attention is required to address this non compliance, the Water Services Authority must submit to the Department an action plan to address this challenge within 14 days of receiving this correspondence.

Yours Faithfully



.....
Director: Water Regulation & Use
Mr. A.B. Lucas

.....
25/9/2014

Date

Cc: Mr. M. Shasha
: Mr. L.D. Mashiya



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

**SITE VISIT
(Cradock WWTW)
Chris Hani DM**

FILE No: 16/2/7/Q300/D1

**DIRECTORATE: WATER REGULATION & USE
SUB-DIRECTORATE: RESOURCE PROTECTION & WASTE**

DATE: 16TH SEPTEMBER 2014

MR. N. MATANA (DEPARTMENT OF WATER & SANITATION)

Introduction

As part of compliance assessment & monitoring under water regulation & use, it is a requirement to regularly assess and monitor municipal wastewater treatment works performance as per norms and standards set by the minister under section 9 of Water Services Act and of the requirement of section 62 of the same act. Furthermore to also make sure section 19(l)(b) of National Water Act, 1998 is adhered to. The assessment is also in-line with the requirements of department of water affairs incentive based programme called green drop regulatory system that seeks to identify and develop the core competencies required for the sector that if strengthened, will gradually and sustainably improve the level of wastewater management.

Purpose of the site visit

The purpose of the site visit was to do compliance assessment of the Cradock WWTW in line with our regulatory function as the Department of Water Affairs. The compliance assessment was to look at the overall operations of the plant which will include;

- ✓ Processor Control Classification
 - ✓ Good working condition of the plant
 - ✓ Valid Plant classification
 - ✓ Validity of the exemption
 - ✓ And compliance to the exemption
-

Site visit Findings

There are 5 process controllers, 1 casual and superintendent for the plant. At the time of the visit two operators, 1 casual and a superintendent were on duty. Superintendent reported that the plant is not operating well since March 2014. Hlumisa is on site doing maintenance of aerators that are problematic and not functioning well. At the time of arrival the plant was not operational; no flow was coming in because there was no electricity. The superintendent mentioned that currently the plant is discharging non compliant effluent to the Fish River. The plant has two inflows from the township and town.

- ✓ 4 process operators are classified as class I and superintendent is class IV
- ✓ Classification certificates for process controllers not displayed on the wall, only plant classification displayed.
- ✓ Testing equipment is calibrated monthly

- ✓ Electrical Conductivity, pH, COD, phosphate and nitrates for both influent & Effluent) are done operationally. Currently these tests are not done because the plant is not operating properly.
- ✓ Housekeeping is properly done.
- ✓ Process controllers have not attended training in the past 2 years.
- ✓ Inflow meter is operational
- ✓ Screens are removed and disposed to the landfill site outside the plant premises.
- ✓ The grit channel was not well maintained, too much was observed (*Superintendent mentioned that because there's no inflow they were going to clean and remove the grit*)
- ✓ There are only 2 aerators working at the plant and the rest need maintenance (in total there are 8 aerators available).
- ✓ In one of the aerator chamber grass has grown and this is affecting the overall process of aeration.
- ✓ There are two ponds that are used to return effluent to the inflow. These ponds have too much sludge and need to be desludged. They are in poor state and not maintained properly.
- ✓ All the settling tanks are working well; the tanks will have to be cleaned regularly.
- ✓ The chlorination is gas and is working properly, but at the time of visit there was no electricity.
- ✓ The superintendent mentioned that the final effluent was not complying with the standards.

It must be noted that upon engaging with the superintendent the plant cannot coping with the number of aerators working that is why the final effluent is not complying.

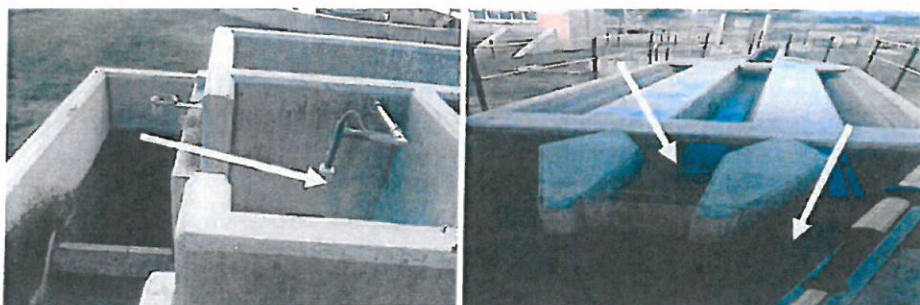


Fig1: (meter sensors inflow)

Fig2: Grit channel not cleaned



Fig3: Aerators functional



Fig4: Aerator not functional

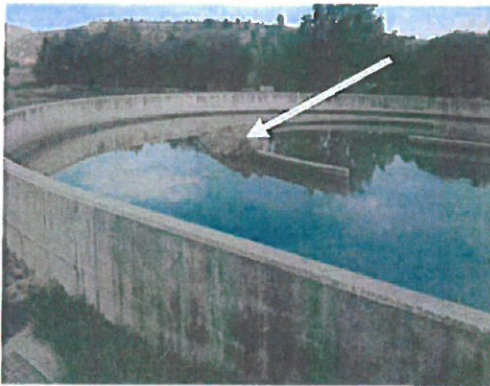


Fig5: Grass growing (Aerator tank)



Fig6: Sludged pond

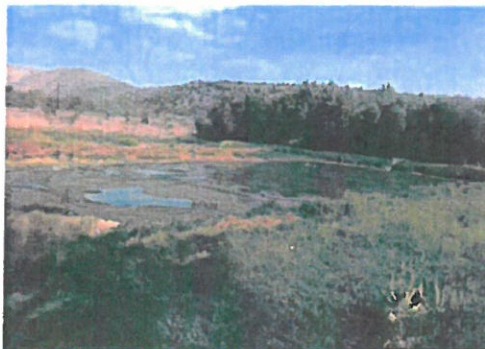


Fig7: Sludged pond



Fig8: Sludged pond



Fig9: Aerator removed



Fig10: Settling tank (material floating)

Challenges

- Aerators not functioning properly they are not effective.
- Grass growing on the aeration chamber is also affecting the effectiveness of the current working aerators.
- The grit channel is full of grit
- Ponds are not well maintained, grass is growing and they are sludged up.

Recommendations

- It is recommended that the maintenance of other aerators be fast tracked so that the plant can be fully functional properly
- It is recommended that the grass growing inside the aerator tank be removed because it affects the effectiveness of the aerators.
- The grit channel must be cleaned regularly
- The ponds must be well maintained, sludge must be removed.

An action plan should be submitted to the Department detailing how would the identified problems be addressed.

Conclusion

The plant is not functioning well; it has a lot of maintenance that needs to be done especially on the aerators. The plant is discharging to the Fish river water resource the effluent that is not complying with the standards. This is in breach of the exemption issued for the plant. The Water Services Authority must submit an action plan to the Department within 14 days of receiving this report.

Report Compiled by: Mr. N. Matana



Ntsike Matana
Environmental Officer

Rapid • Reliable • Resourceful

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 Tel: +27 (0) 33 346 1444 • Fax: +27 (0) 33 346 1445 • E-mail: talbot@talbot.co.za • http://www.talbot.co.za

2014/09/19

ANALYTICAL REPORT

OUR REF: DWAF EASTERN CAPE 15384/14
 COMPANY NAME: DWAF EASTERN CAPE
 CONTACT ADDRESS: OCEAN TERRACE, MOORE ROAD, QUIGNEY, EAST LONDON
 CONTACT PERSON: N MNOTOZA
 SAMPLE TYPE: STW & RIVER WATER SAMPLES
 DATE SUBMITTED: 2014/09/12

Determinand	Units	Analyses commenced on	Method No	Results	
				15384/14	15385/14
				1.TARKASTAD PONDS 09/09/14 09:30	2.TARKASTAD D/S STW 50M 09/09/14 10:15
Ammonia	mg N/l	17.09.14	64	(26)	(4.08)
Chemical oxygen demand (total)	mg O ₂ /l	16.09.14	3	54	46
Conductivity at 25°C	mS/m	12.09.14	2	150	139
<i>E. coli</i> *	colonies per 100ml	11.09.14	31	4	6
Faecal coliforms*	colonies per 100ml	11.09.14	31	4	6
Nitrate/Nitrite	mg N/l	17.09.14	65	(0.83)	(10.6)
Orthophosphate	mg P/l	17.09.14	66	(3.31)	(2.35)
Oxygen absorbed	mg O ₂ /l	16.09.14	39	8	7
pH at 25°C	pH units	12.09.14	1	7.6	7.9
Suspended solids at 105°C	mg/l	15.09.14	5	18	27

Determinand	Units	Analyses commenced on	Method No	Results	
				15386/14	15387/14
				3.TARKA RIVER @ LIME BANK 09/09/14 11:00	4.GREAT FISH RIVER AT MORTIMER ROAD BRIDGE 09/09/14 11:15
Ammonia	mg N/l	17.09.14	64	(<0.08)	(<0.08)
Chemical oxygen demand (total)	mg O ₂ /l	16.09.14	3	38	25
Conductivity at 25°C	mS/m	12.09.14	2	264	47
<i>E. coli</i> *	colonies per 100ml	11.09.14	31	98	340
Faecal coliforms*	colonies per 100ml	11.09.14	31	130	410
Nitrate/Nitrite	mg N/l	17.09.14	65	(2.60)	(0.58)
Orthophosphate	mg P/l	17.09.14	66	(0.437)	(0.040)
Oxygen absorbed	mg O ₂ /l	16.09.14	39	4	4
pH at 25°C	pH units	12.09.14	1	8.0	8.2
Suspended solids at 105°C	mg/l	15.09.14	5	16	65

Directors: Dr MMJ-F Talbot, Mr FD Urbaniak-Hedley (British), Mrs VR Talbot
 Talbot & Talbot (Pty) Ltd - Company Registration Number 2000/021732/07

Determinand	Units	Analyses commenced on	Method No	Results	
				15388/14	15389/14
				5.GREAT FISH RIVER D/S OF STW CRADOCK 09.09.14 11:40	6.GREAT FISH RIVER @ TAMS LOW WATER BRIDGE 09.09.14 12:00
Ammonia	mg N/l	17.09.14	64	(0.10)	(<0.08)
Chemical oxygen demand (total)	mg O ₂ /l	16.09.14	3	21	21
Conductivity at 25°C	mS/m	12.09.14	2	37	37
<i>E. coli</i> *	colonies per 100ml	11.09.14	31	190	620
Faecal coliforms*	colonies per 100ml	11.09.14	31	210	760
Nitrate/Nitrite	mg N/l	17.09.14	65	(0.38)	(0.36)
Orthophosphate	mg P/l	17.09.14	66	(0.020)	(0.015)
Oxygen absorbed	mg O ₂ /l	16.09.14	39	4	3
pH at 25°C	pH units	12.09.14	1	8.1	8.1
Suspended solids at 105°C	mg/l	15.09.14	5	68	68

Determinand	Units	Analyses commenced on	Method No	Results	
				15390/14	15391/14
				7.CRADOCK STW 09.09.14 12:05	8.GREAT FISH RIVER @ VISRIVIER - N10 09.09.14 14:20
Ammonia	mg N/l	17.09.14	64	(34.1)	(0.13)
Chemical oxygen demand (total)	mg O ₂ /l	16.09.14	3	172	21
Conductivity at 25°C	mS/m	12.09.14	2	91	115
<i>E. coli</i> *	colonies per 100ml	11.09.14	31	35 000	12
Faecal coliforms*	colonies per 100ml	11.09.14	31	43 000	14
Nitrate/Nitrite	mg N/l	17.09.14	65	(0.05)	(1.05)
Orthophosphate	mg P/l	17.09.14	66	(4.12)	(0.179)
Oxygen absorbed	mg O ₂ /l	16.09.14	39	17	2
pH at 25°C	pH units	12.09.14	1	7.3	7.9
Suspended solids at 105°C	mg/l	15.09.14	5	54	15



water & sanitation

Department:
Water and Sanitation
REPUBLIC OF SOUTH AFRICA

140 Govan Mbeki Avenue, Starport Building, Central
Private Bag x 6041, Port Elizabeth, 6000

Tel: 041 501 0700
Fax: 041 586 4210

Enquiries: Miss N. Mntoza
Email: MntozaN@dwa.gov.za

File: 16/2//7/Q300/D1

The Municipal Manager
Chris Hani District Municipality
Private Bag X7121
P O Box 21
QUEENSTOWN
5320

NON COMPLIANCE LETTER DUE TO SEWAGE SPILLAGE IN CRADOCK

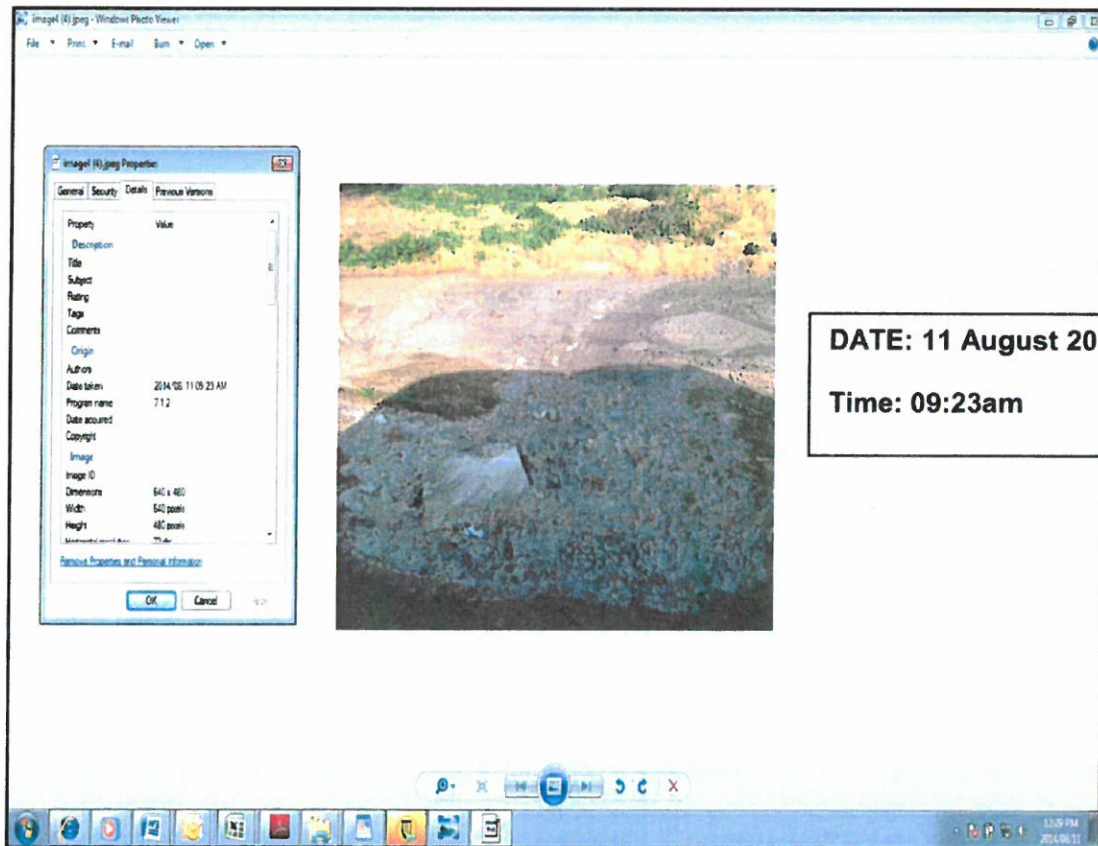
The Department of Water and Sanitation (DWS) received a complaint of sewage spillage occurring in Cradock. This sewage complaint was initially reported on the 30 July 2014. DWS conducted a site investigation on the 01 August 2014 and communication was made with Mr Lulama Mashiya to bring this matter to his attention. On the 31 July 2014 Mr Mashiya responded and indicated that the area is in the process of being cleaned and rehabilitated. Pictures were requested and were to be forwarded by Mr Mashiya which has not occurred.

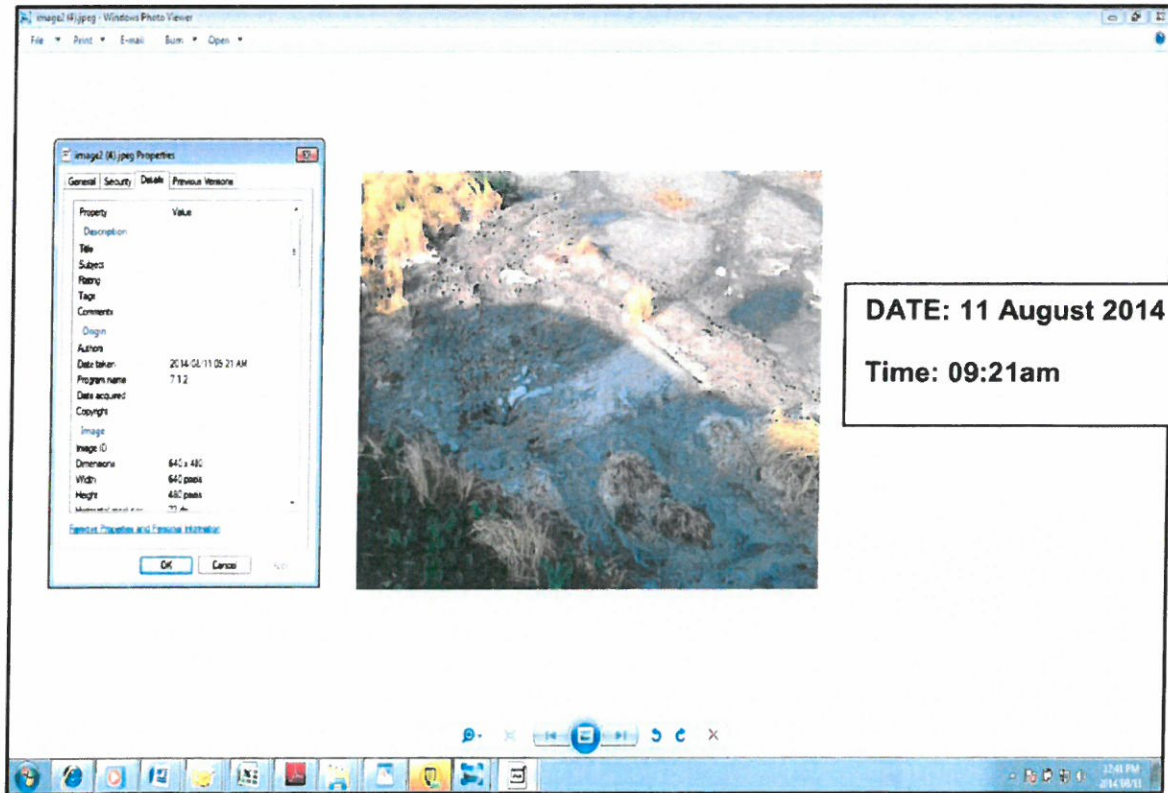
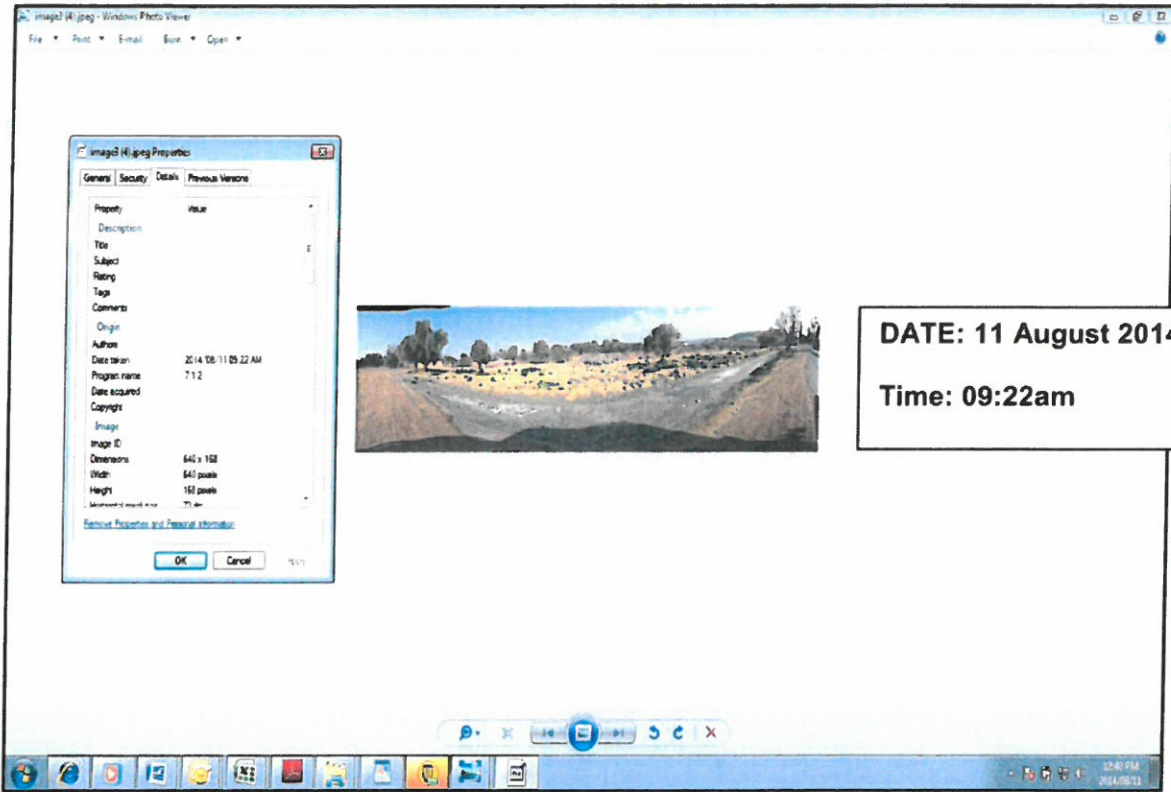
There has been another complaint brought forward to DWS, it appears that the problem has been recurring since it was first reported to the Department. There are numerous manholes that are along the Great Fish River in Cradock which have frequent sewage spilling from them.

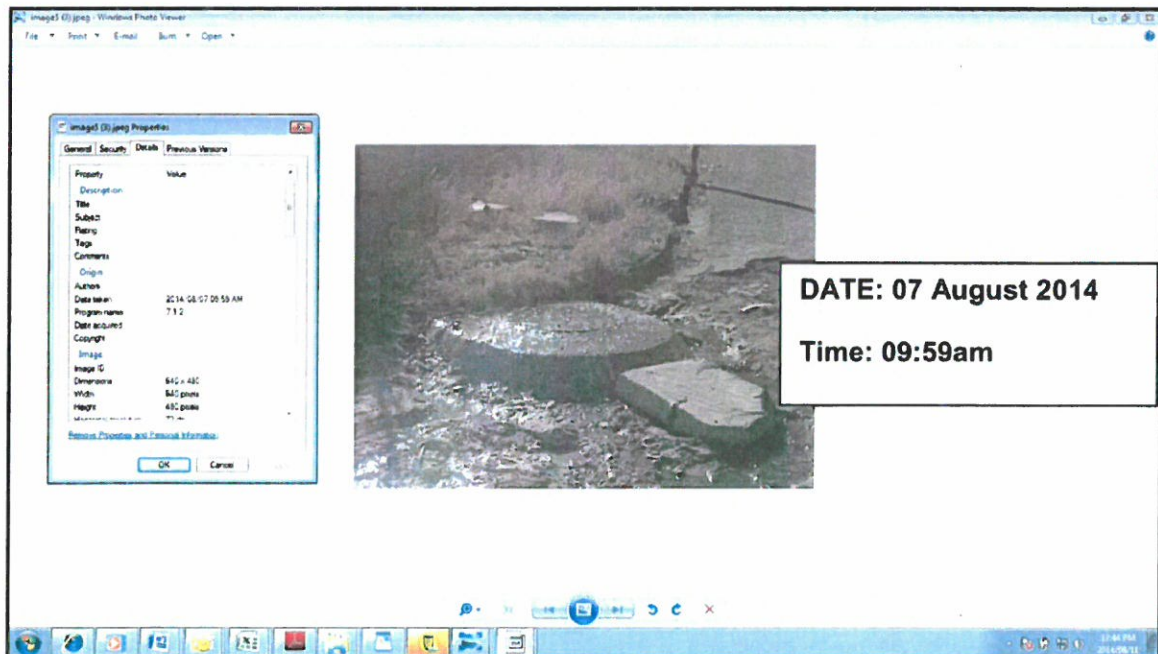
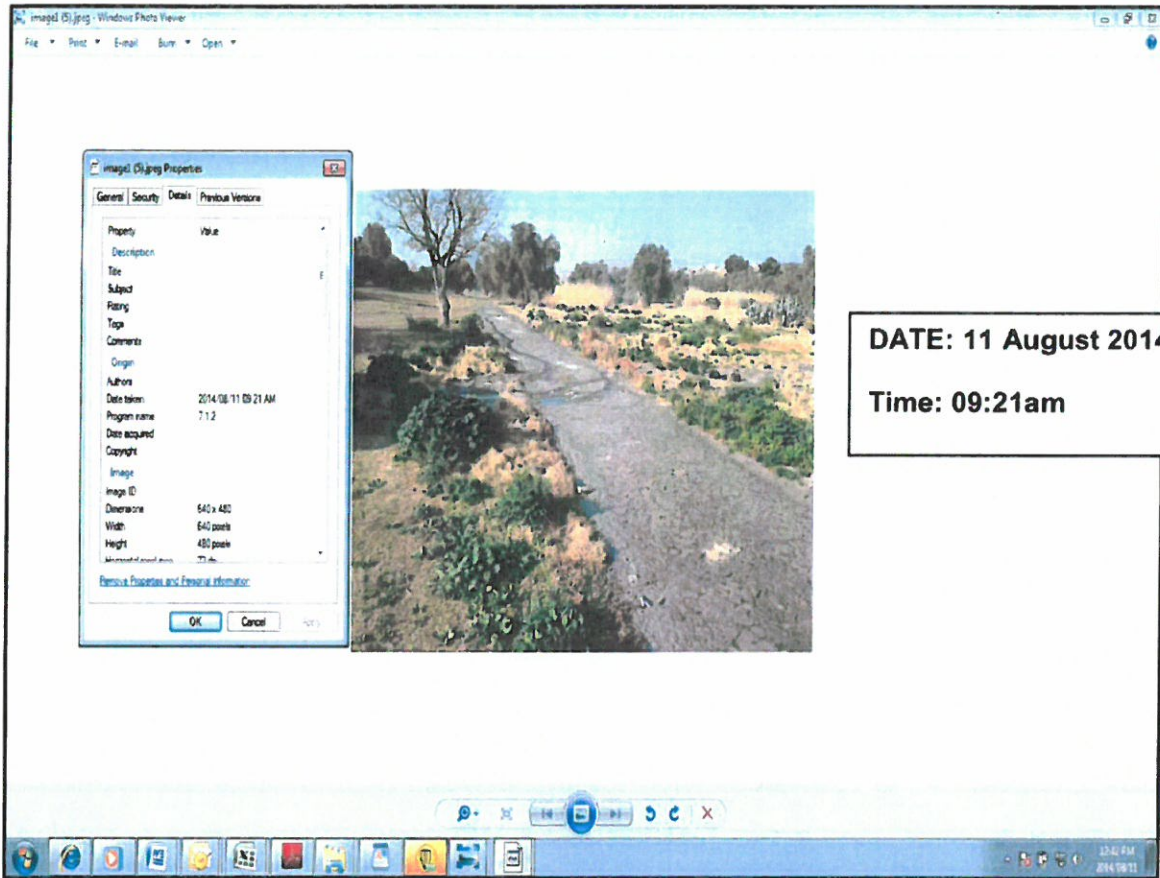
According to the National Water Act (NWA) of 1998, Section 19: ***Prevention and remedying effects of pollution: 19. (1) An owner of land, a person in control of land or a person who occupies or uses the land on which – (a) any activity or process is or was performed or undertaken; or (b) any other situation exists, which causes, has caused or is likely to cause pollution of a water resource, must take all reasonable measures to prevent any such pollution from occurring, continuing or recurring.***

Kindly note that failure to comply with this notice above under Section 19(1) will be followed with a directive in terms of Section 19(3)a: *commence taking specific measures before a given date* 3(b): *diligently continue with those measures*; 3(c): *complete them before a given date* and 53(1) *rectifications of contraventions* will be stipulated in terms of the NWA. Subsequent failure to comply with that constitutes an *offence* as stated in section 151 of the NWA.

Refer to the 5 attached pictures for findings observed at the polluted sites:







Department must receive a response from the Chris Hani District Municipality no later than 14 August 2014. This should be a fully detailed action plan with dates of when the short, medium and long term measures will be implemented to clean, rehabilitate and prevent this reoccurrence.

All queries may be forwarded to the Department's Regional Office. The findings at Cradock have been attached for your reference.

Yours Faithfully



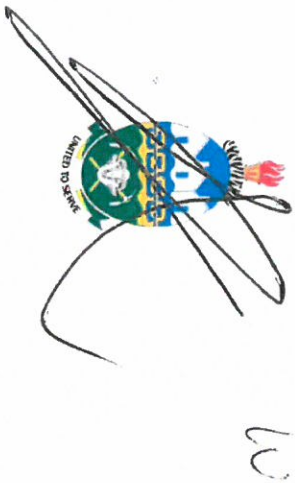
Acting Catchment Manager: Ms T. Guzana

DATE: 11/08/2014

CHDM

INXUBA YETHEMBA

UMASIPALA WASEKHAYA / PLASEHKE MUNISIPALITETHA LOCAL MUNICIPALITY



ATTENDANCE REGISTER FOR CHRIS HANI & WATER AFFAIRS MEETING

DATE: 10/02/2015

	NAME&SURNAME	INSTITUTION	JOB TITLE	TELEPHONE/ CELL NUMBER	SIGNATURE
1	Cobus Ferreira	DWS: EC	Control Eng. Tech.	048-881 3005 082-806 5622	
2	Philip de Wet	DWS: EC	CE: NCS (Acting)	048 881 3005 082 378 4333	
3	R.H. Schulze	IYM, Cllr. Wards	Cllr. rshschulze	0845968253	
4	Sandiswa FumBA	DWS: EC	Technician	048 801 1300	
5	Tienie Prinsloo	GFRWLLA	WCO	048 881 2408	

6.	ARIN SLOO	CHDM	ENVIRONMENTAL HEALTH			
7.	SA		REACTOR/ENVIRONMENTAL	0833441292		
8.	Sheldon Visagie	CHDM	Env. Health Practitioner	083 716 6166		
9.	S. Sinyeki	CHDM	CIVIL TECHNICIAN	073 3329886		
10.	NCUNISHA MINOTZA	DRS: EC (P.E.)	ENVIRONMENTAL OFFICER	041 501 0704 060 555 6421		
11.	Ramulifho MK	CHDM	Water Quality Technician	072 7760270		
12.	N. NKOPHINI	CHDM	CUSTOMER CARE PRACTITIONER	0836897955		
13.	L.D. Mashita	CHDM	Area Manager	096 079 3803		
14.	S.E. FETO	CHDM	TECHNICAL MECHANIC	082 7425190		
15.	X. Mgwana	DUS	ASIS CM E	0839464886		
16.	N. Bouswani	CHDM	TECH: WCDM	0734249049		
17.	B. Mafava	CHDM	WATER QUALITY	0787738202		
18.	M. SHASHA	CHDM	WASA MANAGER	0727244606		



POLLUTION IN CRADOCK AFFECTING THE GREAT FISH RIVER



MINUTES OF THE MEETING HELD AT CHRIS HANI DISTRICT MUNICIPALITY OFFICES

DATE : 10 February 2015
TIME : 09:00 am
VENUE : IYTLM Technical Services Boardroom (Cradock)
CHAIRPERSON : Mr. P. De Wet

ITEM	DETAILS	ACTION
1.	<p>Welcome Mr P. De Wet welcomed all those in attendance in his capacity as a Chairperson and presented the Agenda of the meeting.</p>	
2.	<p>Introduction Those in attendance were requested to introduce themselves.</p>	<i>All</i>
3.	<p>Attendance and Apologies</p> <p>Attendance Attendance register is attached.</p>	
4.	<p>Adoption of the Agenda The Agenda was amended to remove the presentations from the Great Fish Water User Association and Chris Hani District Municipality (CHDM). Discussion and Way Forward was made one item. (see amended agenda attached)</p>	
5.	<p>Comment By Cllr R.H. Schulze Late arrival by CHDM officials was not acceptable as all parties were suppose to meet at 09:00am not 11:00am as the officials from CHDM did.</p>	<i>Cllr R.H. Schulze</i>
6.	<p>Outlining the purpose of the meeting by Mr. P. De Wet</p> <p>The purpose of the meeting is to resolve the on ongoing sewage pollution that is affecting the Great Fish River. The condition of the infrastructure, and setting clear time frames to resolve the outstanding issues to be dealt with.</p>	<i>Mr P. De Wet</i>
7.	<p>Presentation: Dept. of Water and Sanitation(DWS) (see attachment)</p>	<i>Miss N. Mnotoza</i>

ITEM	DETAILS	ACTION
	<p>DWS to compile a summary of monitoring points and forward them to CHDM Water Quality Section. Proposal to have a combined monitoring of site by both DWS & CHDM.</p>	<p><i>Miss N. Mnotoza</i></p>
	<p>Bulk Water Schemes downstream are also being polluted affecting water resources in areas as far down as Cookhouse, Somerset East and Grahamstown.</p>	<p><i>Mr C. Ferreira</i></p>
<p>8.</p>	<p>DISCUSSION: Response by CHDM</p> <p>CHDM has noted the manhole spillage into the Great Fish River and the blockage that is due to the misuse of the water borne sewer system e.g. foreign objects inserted into the sewer receiver causing blockages at the pump stations.</p> <p>CHDM acknowledged the dire state of the infrastructure at the Waste Water Treatment Works (WWTW), pump stations and general sewage reticulation.</p> <p>Electric panels that were a safety hazards with hanging live wires will all be replaced with all the safety features included. Standby generator have been purchased but not yet installed. All pumps stand by pumps, generators and manhole lids will be attended to and will either be refurbished or replaced. These items have all been ordered.</p> <p>There is still a challenge with generation of invoices and Service Provider payment delays, meeting with the supply chain unit was convened yesterday (09 Feb 2015), and promises were made to fast track the processes going forward.</p> <p>A spreadsheet has been compiled with all the outstanding invoices that need to be paid my CHDM. Responsive approach is being initiated by the municipality to deal the future problems. Program will be acquired from the service provider which will indicate the logics around the servicing on pumps.</p> <p>There is still lack in human capacity from municipality side due to the shift in water services department.</p> <p>Vandalism is still a challenge, security measures have been drafted and implementation measures are underway.</p> <p>CHDM will embark on a site visit to the Western Cape to view technology used at a municipality there instead of the 'problematic' horizontal aerators used at the Cradock WWTW. As they require straight alignment and other complications.</p> <p>DWS also advised the municipality to consult with Blue Crane Municipality on how they have dealt with their obstacle, in relation to waste water drainage system. Where a sieve was inserted at the inlet point of the sewage pump station CHDM is also planning to introduce the Vortex pumps; it will assist in</p>	<p><i>Mr. M. Shasha (CHDM) & Mr L. Mashiya (YTLM)</i></p>

ITEM	DETAILS	ACTION
8.1	<p>countering the abattoir waste problem at the Cradock WWTW.</p> <p>CHDM is drafting an operation and maintenance schedule for all the pumps for the maintenance teams to work according to.</p> <p>Accelerated Community Infrastructure Program (ACIP) application</p> <p>Submission dates not adhered to apply for funding showing disinterest and no sense of urgency or prioritisation of this application as if receiving ACIP funding is not a need from the Municipality. Even the currently supplied document at the meeting needs to be worked on, as the Departmental logo contained in the title page is the old Department of Water Affairs and not Department of Water and Sanitation as it is currently called.</p>	Mr C. Ferreira (DWS)
	<p>Late submission was due to a delay with the final touches as getting all, authorising signature was a challenge.</p>	Mr L. Mashiya (YTLM)
	<p>Actions:</p>	
	<ul style="list-style-type: none"> • Non compliance letter from DWS to CHDM regarding sewerage spillage 14 days has expired and the has not been any response from the municipality: (see attachment). Responsible personnel to provide an action plan in response to the non compliance letter. Mr Mashiya indicated that most of the issues raised in the letter have been dealt with. A report in his possession with picture of before and after, as confirmation. The report will be forwarded to Cllr R.H. Schulze on the 11/02/2015. 	Mr L. Mashiya to submit by 11/02/2015
	<ul style="list-style-type: none"> • Mr Mashiya is to compile a detailed remedial action plan with and submit it to the DWS before the 16/02/2015, 12:00pm. 	Mr L. Mashiya to submit 16/02/2015
	<ul style="list-style-type: none"> • Mr L.D.Mashiya to attain a summary of outstanding invoice from RJN Projects and forward them to Mr Shasha for payment. 	Mr L. Mashiya 11/02/2015
	<ul style="list-style-type: none"> • Maluti Consultants is busy verifying all the work that was done and invoiced by Hlumisa Consultants. 	CHDM 20/02/2015
	<ul style="list-style-type: none"> • An environmental Report dating back 6 months must be submitted to DWS by the 13/02/2015, 12:00pm. 	Mr Ramulifho
	<ul style="list-style-type: none"> • DWS to check both Green and Blue Drop status of the affected region and report on the compliance. 	Mr. X.Mzamo & Miss N.Mnotoza
	<ul style="list-style-type: none"> • Cradock WWTW permit forwarded to YTLM officials. 	Miss N. Mnotoza

ITEM

DETAILS

ACTION
