

प्रश्नोत्तर से संबंधित परिशिष्ट

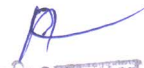
परिशिष्ट 'बीस'

[27/3/2017]

प्रश्न सं. [क. 6788]

परिशिष्ट "अ"

क्रमांक	स्थान का नाम	लिये गये सेम्पल का विवरण
1	ग्राम मेहतवास	खेत में स्थित कुंए से जल नमूना
2	ग्राम टकराबदा	ग्राम में स्थापित हैण्ड पंप से जल नमूना
3	ग्राम पारदी	स्कूल के पास स्थापित हैण्ड पंप से जल नमूना
4	ग्राम दुर्गापुरा	दुर्गापुरा में स्थित कुंए से जल नमूना
	ग्राम परमारखेड़ी	आंगनबाड़ी के पास स्थित हैण्ड पंप से जल नमूना
5	मेसर्स ग्रेसिम इण्डस्ट्रीज लि. (स्टेपल फाईबर डिवीजन) नागदा	ई टी पी के बाजू से गुजरने वाले नाले का जल नमूना


डॉ आस्ता अग्रवाल
वैज्ञानिक



प.क.ब.उ. - ३

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M. P. Pollution Control Board, Ujjain
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E-mail- rlmppcbujain@gmail.com

Report No. 744,745,746,747,748

TEST REPORT

Sample from :- Nagda, Regional Office, M.P. Pollution Control Board, Ujjain
Sample Description :- 1. Well water from open well at Mehatwas (Sample No. 1)
2. Hand pump water at Takrawada (Sample No. 2)
3. Hand pump water from Pardi near school (Sample No. 3)
4. Well water from Durgapura (Sample No. 4)
5. Handpump water from Parmarkhedi near Aganwadi New (Sample No. 6)

Sample Container :- Plastic
Sample Volume :- 2.5 ltr. & 100 ml.
Collected by :- Regional Office, M.P. Pollution Control Board, Ujjain
Collected On :- 02-02--2017
Received on :- 03-02--2017
Date of Analysis :- 03-02--2017

S.No.	Analyte Tested	Unit	Method (APHA Standard method 22 nd edi.)	1	2	3	4	5
1	Colour	Pt.Co.Sc.	204 - A	5	5	5	5	5
2	pH	pH Units	4500-H ⁺ B,	7.40	7.31	8.23	7.38	7.41
3	Dissolved Solids	mg/l	2540 C	1960	1390	1424	3668	4463
4	Chloride	mg/l	4500-Cl ⁻ -B	968	504	418	1720	1950
5	Turbidity	N.T.U.	2130-B	5.0	4.0	6.0	2.0	1.0
6	Ammonical Nitrogen (as N)	mg/l	4500-NH ₃	BDL	BDL	BDL	BDL	0.21
7	Nitrate (as NO ₃)	mg/l	4500-NO ₃	6.50	7.81	55.6	47.2	30.6
8	Total Alkalinity (as CaCO ₃)	mg/l	2320-B	310	650	610	410	250
9	Total Hardness (as CaCO ₃)	mg/l	2340-C	1600	760	860	1880	2140
10	Sulphate (as SO ₄)	mg/l	4500 - E	11.40	10.80	53.8	136	540.6
11	Boron (as B)	mg/l	4500 - B C	BDL	BDL	BDL	BDL	BDL
12	Fluoride (as F)	mg/l	4500 - F D	0.70	1.30	1.06	0.58	0.83
13	Calcium (as Ca)	mg/l	3500 Ca B	248.0	83.2	99.2	656	648
14	Magnesium (as Mg)	mg/l	3500 Mg B	238.14	134.13	148.71	58.32	126.36
15	Copper (as Cu)	mg/l	APHA 22nd edi.	0.014	0.007	0.010	0.0148	0.020
16	Iron (as Fe)	mg/l	APHA 22nd edi.	0.18	0.25	0.79	0.020	0.021
17	Manganese (as Mn)	mg/l	APHA 22nd edi.	0.02	0.012	0.014	0.018	0.04
18	Zinc (as Zn)	mg/l	APHA 22nd edi.	0.02	0.07	0.14	0.04	0.60
19	Cadmium (as Cd)	mg/l	APHA 22nd edi.	BDL	BDL	BDL	BDL	BDL
20	Lead(as Pb)	mg/l	APHA 22nd edi.	0.126	0.108	0.121	0.17	0.165
21	Nickel (as Ni)	mg/l	APHA 22nd edi.	0.02	0.014	0.020	0.031	0.04
22	Total Chromium (as Cr)	mg/l	APHA 22nd edi.	BDL	BDL	BDL	BDL	BDL
23	Arsenic (as As)	mg/l	APHA 22nd edi.	0.0049	0.0073	0.005	0.0011	0.0038
24	Mercury (as Hg)	mg/l	APHA 22nd edi.	BDL	BDL	BDL	BDL	BDL

Note :-

BDL - Below Detectable Limit.

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Authorized Signatory

FORM-X
REPORT BY THE STATE BOARD ANALYST
(See Rule-31)

Report No. 749/17

Dated the 3rd day of February 2017

I hereby certify that I (I) Pratim Khare, Scientist, State Board Analyst duly appointed under section (3) of section 53 of the Water (Prevention and control of pollution) Act-1974 (6 of 1974) received on the (II) 03rd day of February 2017. From (III) Shri. Rajesh Gabhe, Chemist, M.P. pollution Control Board, Nagda a sample of M/s Grasim Industries Ltd., Birlagram, Nagda, Distt. Ujjain. Treated Industrial effluent from School Bridge before meeting to Chambal river (Outlet of Industries) for analysis. The sample was in a condition fit for analysis reported below.

I further certify that I have analysed the aforementioned sample on (IV) 03rd day of February 2017 and declare the result of the analysis to be as follows:-

SAMPLE OF: - M/s Grasim Industries Ltd., Birlagram, Nagda, Distt. Ujjain.

Treated industrial effluent from School Bridge before meeting to Chambal river (Outlet of industries)

Characteristic	Units	Results
pH	pH unit	6.95
Total Solid	mg/l	10310
Suspended Solid	mg/l	980
Total Dissolve solid	mg/l	9330
Chloride(as Cl)	mg/l	1120
BOD(3 day at 27° C	mg/l	112.5
COD	mg/l	290

(V) Standard methods for the examination of water & waste water 22nd edition & IS 3025 (Part 44) : 1993, (3 Day BOD Test)

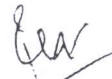
The Condition of the seals. Fastening and container on receipt was as follows:-

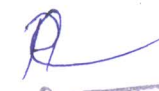
Sample received in sealed condition.

Signed this 13th day of February 2017.

ADDRESS:

Pratim Khare,
Scientist.
Regional Laboratory
M.P. Pollution Control Board
17, Bharatpuri Ujjain


Signature
Pratim Khare, Scientist
STATE BOARD ANALYST


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